

20030228.qrp v02_n845.qrl.20030228

Date: Fri, 28 Feb 2003 19:03:09 EST
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 2845

QRP-L Digest 2845

Topics covered in this issue include:

- 1) [146766] Metal 2N2222's
by "Brian" <brian@iquest.net>
- 2) [146767] OT - Operation Support
by "Brian" <brian@iquest.net>
- 3) [146768] Re: Again the Channel Modem
by Dave Fouchey <dafouchey@comcast.net>
- 4) [146769] Kenwood TS789 troubleshooting..anyone have a shop manual.
by ve3ab@mail.mondenet.com
- 5) [146770] Upping the BLT to Higher Power - Kinda Long
by Mark Schoonover <schoon@amgt.com>
- 6) [146771] Looking for TS-820S Accessories
by "John Grow" <jgrow@sympatico.ca>
- 7) [146772] FS: Ten-Tec Century 22 & accessories - Available Again
by "Dave Redfearn" <n4elm@attbi.com>
- 8) [146773] YN4SU on 18.072.5
by Fred Lesnick <flesnick@tbaytel.net>
- 9) [146774] FS: Various Ten-Tec accessories
by "Dave Redfearn" <n4elm@attbi.com>
- 10) [146775] Re: ARRL International DX Contest
by "LEE HOPPER" <leehopp@msn.com>
- 11) [146776] InHam List
by "Brian" <brian@iquest.net>
- 12) [146777] March Bacon Bits now online
by "Brian" <brian@iquest.net>
- 13) [146778] OT: AEA KT-1 Keyer - Need Info.
by "cal.jsi" <cal.jsi@verizon.net>
- 14) [146779] FOX LOG - VE4WI
by "Winchar" <winchar@mts.net>
- 15) [146780] FS cw iambic paddles.
by "Bart N5WL" <blawson@classicnet.net>
- 16) [146781] 10 Turn Pots are almost gone
by "Brian KB9BVN" <brian@iquest.net>
- 17) [146782] Ant/Rig switching
by Larry - WA2DGD <wa2dgd@comcast.net>
- 18) [146783] FOXes spotted
by "Doc K0EVZ" <dock0evz@earthlink.net>
- 19) [146784] Truffle Hunt

- by "Doc K0EVZ" <dock0evz@earthlink.net>
- 20) [146785] Need Info On Iomega Power Supply
by wkhibbert@juno.com
- 21) [146786] 10 Turn Pots are gone
by "Brian KB9BVN" <brian@iquest.net>
- 22) [146787] Ron W8RU = CQ FOX
by "Doc K0EVZ" <dock0evz@earthlink.net>
- 23) [146788] Re: Ant/Rig switching
by W2EB <w2eb@twcnny.rr.com>
- 24) [146789] Re: FOXes spotted
by Bruce Rattray <rattray@gpfn.sk.ca>
- 25) [146790] Re: FOXes spotted
by W2AGN <w2agn@w2agn.net>
- 26) [146791] Planning Ugly SMT SST For SS
by "Dennis Payton" <dpayton@fwi.com>
- 27) [146792] Re: Need Info On Iomega Power Supply
by "richqrp" <richqrp@cox.net>
- 28) [146793] FOXII
by "Jay Henson" <aj4ay@worldnet.att.net>
- 29) [146794] FOX spot
by Tim Pettibone <k5oi@cox.net>
- 30) [146795] Iomega zip drive power supply
by "Frank Emens" <femens@hiwaay.net>
- 31) [146796] WTB k8iqy pvxo
by <n2go@arrl.net>
- 32) [146797] Re: FS cw iambic paddles.
by "Bart N5WL" <blawson@classicnet.net>
- 33) [146798] 2fer 2nite
by Wayne_W5KDJ <w5kdj@juno.com>
- 34) [146799] FOX: Sorry Hounds!
by "Karl F. Larsen" <k5di@zianet.com>
- 35) [146800] Re: Need Info On Iomega Power Supply
by "Patrick Schwarz" <psschwarz@kellnet.com>
- 36) [146801] Re: Need Info On Iomega Power Supply
by "Philip L. Carter" <pcarter@gcfn.org>
- 37) [146802] 10 turn pots
by Pete Burbank <plburbank@earthlink.net>
- 38) [146803] FS: Keyers, paddles, lots more (some add'l stuff added)
by "Scott Rosenfeld [N7JI]" <ham@w3eax.umd.edu>
- 39) [146804] Truffle Log for 2/28/03
by "Doc K0EVZ" <dock0evz@earthlink.net>
- 40) [146805] RE: Sorry Hounds!
by "George, W5YR" <w5yr@att.net>
- 41) [146806] Re: FOX: Sorry Hounds!
by Pete Burbank <plburbank@earthlink.net>
- 42) [146807] FS/FT MFJ 986 Differential "T" Tuner
by "Ed Kessler" <aa3sj@arrl.net>
- 43) [146808] Drat. Another FOX got away

by Dave Gingrich K9DC <gingrich2@dcg.org>
44) [146809] Re: OT - Operation Support
by "Leon Heller" <leon_heller@hotmail.com>
45) [146810] FOX - zip, nada, zilch...
by Al Scanandoah <k2zn@rochester.rr.com>
46) [146811] Iomega Power Supply Info: Thanks to All!
by wkhibbert@juno.com
47) [146812] DO OVER ! - FS: Various Ten-Tec accessories
by "Dave Redfearn" <n4elm@attbi.com>
48) [146813] Fox: SKUNK!
by "Stephen King" <frstephenk@stfrancishigh.org>
49) [146814] Metal 2N222's all gone
by "KB9BVN" <brian@iquest.net>
50) [146815] Re: Again the Channel Modem
by "Brad Hernlem" <alihernlem@hotmail.com>
51) [146816] Re: Again the Channel Modem
by "Brad Hernlem" <alihernlem@hotmail.com>
52) [146817] Re: 10 turn pots
by "Rod N0RC" <rod@n0rc.us>
53) [146818] Re: Need Info On Iomega Power Supply
by Philip L Carter <pcarter@gcfn.org>
54) [146819] Re: FS Soviet keys - still a few left!
by "Mark G Janzer" <mjanzer@hal-pc.org>
55) [146820] Fwd: QRP-L moderation
by JClinton46@aol.com
56) [146821] QRPizza in the Bay area next week
by "J. Bennett" <jwbennett@sprintmail.com>
57) [146822] Re: QRP-L moderation
by "sslyon" <sslyon@megalink.net>
58) [146823] Swap
by "Francis Callahan" <colcal@srv.net>
59) [146824] Re: QRP-L moderation
by "Chris Trask" <chistrask@earthlink.net>
60) [146825] Re: FOX - zip, nada, zilch...
by "Karl F. Larsen" <k5di@zianet.com>
61) [146826] matching dipoles and ladder line
by "Nick Foster" <nfoster@bluefinrobotics.com>
62) [146827] FS - several items
by John Farler <jfarler@peoplepc.com>
63) [146828] VX0 pulling
by "Ian Wilson" <ianmwilson@earthlink.net>
64) [146829] Re: matching dipoles and ladder line
by ac7a@earthlink.net
65) [146830] FS: OHR 40M QRP Spirit Xcvr
by "Alan Fryer" <N3BJ@hotmail.com>
66) [146831] FOX: Preliminary Log K5DI
by "Karl F. Larsen" <k5di@zianet.com>
67) [146832] Lobstercon 2003 ?

by "Maxime Prati" <ve2hac@hotmail.com>
68) [146833] Re: matching dipoles and ladder line
by "Karl F. Larsen" <k5di@zianet.com>
69) [146834] NJ2Yl+comments
by David M Kopacki <kf2ew@juno.com>
70) [146835] RE: matching dipoles and ladder line
by "Nick Foster" <nfooster@bluefinrobotics.com>

Date: Thu, 27 Feb 2003 16:00:58 -0500
From: "Brian" <brian@iquest.net>
To: <2n2-40@yahooogroups.com>, "QRP-L" <qrp-l@Lehigh.EDU>,
"Flying Pigs" <fpqrp-l@fpqrp.com>
Subject: [146766] Metal 2N2222's
Message-ID: <000901c2dea3\$54670b70\$2a64030a@bmurrey2K>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I have the following for sale:

20 packs of 20pcs Metal (T018) 2N2222

\$5.50 per pack, limit 2 packs per buyer.

Includes shipping to USA. Email me for foreign orders.

These went fast the last time.

Cash, check or paypal to brian@iquest.net

73

=====
KB9BVN/QRP - New Whiteland IN - EM69WN
QRP-ARCI #10223 QRP-L #1540 FIST #5695
FISTS CC #764 - Proud Member ARRL
HEATH HW-9 @ 2W or NORCAL 40A @ 1.3W
INTO INFAMOUS AF4PS ATTIC DIPOLE
SOC #400 AND FLYING PIGS QRP #-57
=====

Date: Thu, 27 Feb 2003 16:45:18 -0500
From: "Brian" <brian@iquest.net>
To: "Flying Pigs" <fpqrp-1@fpqrp.com>, "QRP-L" <qrp-1@Lehigh.EDU>
Subject: [146767] OT - Operation Support
Message-ID: <003b01c2dea9\$867b6bf0\$dd6b2bd1@bmurrey2K>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Folks, regardless of your position on the possible Iraqi war, young men and women will be serving their country, our country, in the armed forces overseas.

Boy Scout Troop 120 of Southport Indiana has begun Operation Support. In Operation Support we are maintaining a list of soldiers that are currently serving in the middle east. We will begin in about two weeks, to ship small packages (about the size of a VHS cassette) of support items from home, these items may include pre moistened towelettes, instant coffee, instant oatmeal, dried food items, pre sweetened Kool Aid, etc etc.

Why these items? We have discussed this with Gulf War vets, and other military personnel and they have helped us to select items that the troops would most appreciate. So we feel these items from home will be beneficial and useful.

Each scout in the troop has committed to "adopting" several soldiers, and will communicate via snail mail at least once a month with a support kit and a letter.

This has nothing to do with ham radio.

If you have a loved one serving overseas, and would like them to benefit from our program, please send me their military mailing addresss in private email. Please do not post replies to this list.

Thanks es 73

de KB9BVN
Troop 120 Committee Member and Webguy
(<http://troop120.indylinux.org>)

Date: Thu, 27 Feb 2003 17:34:31 -0500
From: Dave Fouchey <dafouchey@comcast.net>
To: WD8CIV@worldnet.att.net,
 Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [146768] Re: Again the Channel Modem
Message-ID: <4.1.20030227173301.0098fd30@localhost>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7BIT

Channel Units from a Rockwell Microwave Carrier Telephone System. I tried to find some of our old documentation for Brad when he first posted it but it had all been trashed...

73's
Dave
WA4EMR
Sterling Heights, MI

At 09:23 AM 2/27/03 -0500, David Hinerman wrote:

>Brad,
>
>Can you locate any sort of manufacture date or date code on the boards?
>
>I wonder if this stuff is used in multiplex radioteletype gear. My Dad was
>a radio operator in the Navy in the 50s and 60s, and he told me about the
>multiplex gear they used that could carry dozens of teletype channels on a
>single transmitter signal. They used "channel packs" (I think that's what
>they were called) to separate individual signals from the stream.
>
>Dave
>
>At 09:52 PM 2/26/2003 +0000, you wrote:
>>A little over a year ago I posted a few messages asking about some boards
>>that I found which contained a brace of mechanical filters. I traced out
>>the circuit as best as I could and had a pile of crude notes which I filed
>>away. The other day I got an e-mail asking about those boards. This got me
>>motivated to redraw the notes so that the circuit was a bit more
>>understandable (well, you decide). I posted the drawings at:
>>
>><http://www.geocities.com/alibhernlem/Radio/ChannelModem.html>
>>
>>I've been scheming to use these to build a SSB transceiver but haven't
>>developed a plan yet for the outboard bits. One of the questions that I
>>have about the board itself is what purpose do those associated
>>transistors serve in the '741 TX Audio circuit? The audio is apparently

>>amplitude limited but I have never seen a circuit like this. Also, what
>>exactly does a "phase equalizer" do?
>>
>>Any comments on this board, its function, its history, &c. are greatly
>>appreciated.
>>
>>Brad KG6IOE
>>
>>-----
>>Add photos to your e-mail with MSN 8. Get 2 months FREE*.
>><http://join.msn.com/?page=features/featuredemail>
>
>-----
>Dave Hinerman
>WD8CIV@worldnet.att.net

Date: Thu, 27 Feb 2003 17:44:05 +0000
From: ve3ab@mail.mondenet.com
To: qrp-1@lehigh.edu
Subject: [146769] Kenwood TS789 troubleshooting..anyone have a shop manual.
Message-ID: <200302272251.h1Rmp5l10844@barclay.mondenet.com>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

Just curious if anyone has any leads on a shop manual for a Kenwood
TS780..multimode vhf/uhf transciever. I have a bit of a problem with
this rig. If anyone has a junker ts780..id be interested in dealing
for it. It is the control board and the digital display that is
giving me problems. 73 Earl VE3AB

Date: Thu, 27 Feb 2003 15:04:48 -0800
From: Mark Schoonover <schoon@amgt.com>
To: "Low Power Amateur Radio Discussion (E-mail)" <qrp-1@Lehigh.EDU>
Subject: [146770] Upping the BLT to Higher Power - Kinda Long
Message-ID: <BF889CEBEFD2D511B993009027F60ABE4F67DD@AG-JASMINE-NT4>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Good Afternoon!!

I have one of those wonderful BLT tuners I use with a 44' doublet on

a SD20 mast and my 817 when portable. That setup works very well, and I'm extremely pleased with this setup. Now, for my home station, I have a 40M full-size horizontal loop at about 30', currently fed with 450 ladderline, going straight in to my MFJ969 tuner using the balun. Needless to say, this loop is completely awesome, especially on bands 30M and above. I just can't get it to tune 17M at all. For 80M, I short the feedline together, and run it as a vertical. Here's my problem...

Noise!! Mainly below 5 Mhz, but real bad on 80M S9. When using the loop through the balun, the noise is about 5 S units lower. I am planning on adding more wire to get to fullsize to 3 Mhz - I need that for Army MARS. I would like to build a balanced line tuner instead of using the MFJ. Right now, the MFJ gets pretty warm on 80M after about 15 mins use matching the vertical. Not a good sign!

I've been looking through some Handbooks from the early 50's, and they have plenty of BLT tuners to build. The main problem is the require a dual gang variable capacitor. I have built the NORCAL BLT, and noticed that it does not require the dual gang. I do have the same value of variable caps on hand for KW use. All I would need to do is to build up the coils. My questions are:

1. Will the BLT design work with my loop??
2. What range of reactances was it designed to work with??
3. Will it help alleviate my noise problem because there's no direct physical connection to the antenna?? Will it act like an isolation transformer in this case??

If you have any other thoughts on matching this loop, I would love to hear from you. If you send me email directly, I'll summarize and repost to the list.

Thanks and 73

.mark

Give a man a match, and he'll be warm for a minute, but set him on fire, and he'll be warm for the rest of his life.

Date: Thu, 27 Feb 2003 18:15:33 -0500
From: "John Grow" <jgrow@sympatico.ca>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Subject: [146771] Looking for TS-820S Accessories
Message-ID: <00cf01c2deb6\$213300c0\$8377fea9@john>

Gang,

I just upgraded to a TS-820S Kenwood radio.
I'm looking for the following;

CW filter Y-88C
AT-200 Antenna tuner

Any experience on using this radio at 5 watts. And or things that I can do
to improve CW reception?

Thank you,
John VE2EQL

Date: Thu, 27 Feb 2003 17:20:55 -0600
From: "Dave Redfearn" <n4elm@attbi.com>
To: "Low Power Amateur Radio Discussion \ (E-mail\)" <qrp-l@lehigh.edu>,
"Ten-Tec Mail list \ (E-mail\)" <tentec@contesting.com>
Subject: [146772] FS: Ten-Tec Century 22 & accessories - Available Again
Message-ID: <000301c2deb6\$e0cc6160\$016fa8c0@Pavillion>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

The previous buyer had to back out due to unfortunate circumstances, so the
Century 22 and 979 PS are for sale again.

I need to move this Century 22 to get a new Ten-Tec radio!

For Sale:

Ten-Tec Century 22 HF Transceiver

Covers 80, 40, 30, 20, 15, & 10 Meters
Direct conversion receiver, analog dial,
Runs about 20 watts output CW.

Includes optional # 226 crystal calibrator,
matching Model # 979 Power supply, manual, and box.

Radio is in very good condition, everything works,

minor wear on the case, front panel is very clean

Asking \$300.00 + shipping from 75070

73 - Dave

=====
Dave Redfearn, ARS N4ELM, McKinney, TX
Email: n4elm@NOJUNKattbi.com (to reply, remove NOJUNK)
QRL? de N4ELM/qrp

Date: Thu, 27 Feb 2003 18:48:17 -0500
From: Fred Lesnick <flesnick@tbaytel.net>
To: QRPL <qrp-1@Lehigh.EDU>, QRP Canada <qrp-canada@neale.gpfn.sk.ca>
Subject: [146773] YN4SU on 18.072.5
Message-ID: <3E5EA3C1.184D8F50@tbaytel.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Just worked Ben in Nicaragua. He gave me a 559, I was running my FT817
at 5 watts into my 40 meter dipole, and using my Z11 tuner....
He was also 559....
This was at 2340z.....

Fred
VE3FAL

Date: Thu, 27 Feb 2003 17:49:28 -0600
From: "Dave Redfearn" <n4elm@attbi.com>
To: "Low Power Amateur Radio Discussion \ (E-mail\)" <qrp-1@lehigh.edu>,
"Ten-Tec Mail list \ (E-mail\)" <tentec@contesting.com>
Subject: [146774] FS: Various Ten-Tec accessories
Message-ID: <000401c2deba\$de2e1300\$016fa8c0@Pavillion>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I'm cleaning out my stash of assorted Ten-Tec parts and stuff.

1 - #206 Crystal calibrator Case is fair, one big scratch al the way to the metal on the top.

The 100 KC crystal is dead and will have to be replaced.

\$5.00

1 - Argosy RF/Mixer board #80784 Rev B,
complete except Q6 is missing, from the earlier series, don't know if it works. \$5.00

3 - Century 21 Audio boards #90616A,
one complete, one complete except for mixer transformers,
one complete but cut down for a project
all for \$10.00

3 - Century 21 PTOs, 2 complete, one the reduction drive shaft is cut down.
all for \$25.00

2 - Dial Re-string kits, New - complete
both for \$15.00

1 - PTO re-build kit, New - complete
\$15.00

2 - PTO knobs (black), 4 - 5/8" knobs w/ pointer, 4 - 5/8" Bar knobs, New
all for \$5.00

4 - 12" coax jumpers with coax connectors (for Scout/Argo)
All for \$2.00

Other various connectors, screws, knobs

I would prefer one offer for all of it but will sell separately (+ postage).

73 - Dave

=====

Dave Redfearn, ARS N4ELM, McKinney, TX

Email: n4elm@NOJUNKattbi.com (to reply, remove NOJUNK)

QRL? de N4ELM/qrp

Date: Thu, 27 Feb 2003 16:08:27 -0800

From: "LEE HOPPER" <leehopp@msn.com>

To: qrp-1@Lehigh.EDU
Subject: [146775] Re: ARRL International DX Contest
Message-ID: <F10c9QhVb8wPhPNhGiL0006c3a2@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Hi, Bruce -

How about \$6.00? Go to my favorite contest logging programs at:
<http://www.n3fjp.com/>

Usual disclaimers apply - I have no financial interest, just a satisfied customer.

Lee Hopper
NB7F
Portland, OR

The new MSN 8: advanced junk mail protection and 2 months FREE*
<http://join.msn.com/?page=features/junkmail>

Date: Thu, 27 Feb 2003 19:13:22 -0500
From: "Brian" <brian@iquest.net>
To: "QRPP-1" <QRPP-I@yahooogroups.com>,
"Flying Pigs" <fpqrp-1@fpqrp.com>, "QRP-L" <qrp-1@Lehigh.EDU>
Subject: [146776] InHam List
Message-ID: <017401c2debe\$352e6260\$dd6b2bd1@bmurrey2K>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Forwarded by KB9BVN

ARE YOU AN INDIANA HAM?

Do you have email?
Then you should be part of the Indiana Ham mailing list!

InHam is a mailing list (reflector) open to all radio amateurs residing in the state, or anyone else with an interest in amateur radio in Indiana. The purpose of the InHam list is to enhance

communication throughout the state. You can use the InHam list to discuss topics such as:

- Hamfests
- Upcoming Meetings
- Gossip
- Elmering
- Coordination
- Emergencies, assistance [ARES, RACES, or Skywarn traffic more than welcome]
- Hams, Experimenters, Hobbyists, DX, Contests
- Anything of interest to Indiana Hams!

To Join go to the following web site:
<http://mailman.qth.net/mailman/listinfo/inham>
and follow the online directions.

If you have any problems, or need any help just email Dan, the list administrator at:
n9rla@yahoo.com

We're looking forward to having YOU as a member of the InHam group!

Dan Evans K9ZF
Scottsburg, IN 47170
{EM78}
K9ZF /R no budget Rover
ex-N9RLA
Check out the Rover Resource Page at:
<<http://www.qsl.net/n9rla>>
QRP-1 #1269
IN-Ham list administrator

Date: Thu, 27 Feb 2003 19:33:46 -0500
From: "Brian" <brian@iquest.net>
To: "Flying Pigs" <fpqrp-1@fpqrp.com>,
"QRPP-1" <QRPP-I@yahoogroups.com>, "QRP-L" <qrp-1@Lehigh.EDU>
Subject: [146777] March Bacon Bits now online
Message-ID: <01a801c2dec1\$0efc10d0\$dd6b2bd1@bmurrey2K>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

The March issue of the Flying Pigs QRP Club International newsletter,
The Bacon Bits, is now online.

<http://www.fpqrp.com>

Enjoy!!

Many many thanks to everyone that contributed this month!

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KB9BVN/QRP - New Whiteland IN - EM69WN
QRP-ARCI #10223 QRP-L #1540 FIST #5695
FISTS CC #764 - Proud Member ARRL
HEATH HW-9 @ 2W or NORCAL 40A @ 1.3W
INTO INFAMOUS AF4PS ATTIC DIPOLE
SOC #400 AND FLYING PIGS QRP #-57
=====
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Date: Thu, 27 Feb 2003 19:57:33 -0500
From: "cal.jsi" <cal.jsi@verizon.net>
To: "QRP-L" <qrp-l@Lehigh.edu>
Subject: [146778] OT: AEA KT-1 Keyer - Need Info.
Message-ID: <000501c2dec4$61255cb0$fc53fea9@Sharon>
MIME-Version: 1.0
Content-Type: text/plain;
        charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
```

Hi all,

I acquired an AEA KT-1 and find myself stymied as to how to vary its speed, etc. Also, I don't know if it's set up for positive or negative voltage keying. If anyone has a manual of which I could get a copy, or could write a quick tutorial, particularly on the two aspects mentioned above, I'd really appreciate the help.

72/73

Cal K4JSI

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```

Date: Thu, 27 Feb 2003 19:15:17 -0600
From: "Winchar" <winchar@mts.net>
To: <qrp-1@Lehigh.EDU>
Subject: [146779] FOX LOG - VE4WI
Message-ID: <004b01c2dec6\$db4ad2c0\$6501a8c0@leslie>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Only two corrections, so I guess the log will stand with these changes:

- W2RBA is really Joe and not John
- K2ESE is really K3ESE

0200 W5TB 559 TX DOC 5W
0201 W9XU 559 WI LON 5W
0202 WD9F 559 IL WOODY 5W
0203 W8YMO 559 OH HARRY 5W
0204 N9NE 559 WI TODD 5W

0205 N4BP 559 FL BOB 5W
0206 N4ROA 559 VA DAN 5W
0207 AA50 559 LA VERN 5W
0208 K7TQ 559 ID RANDY 5W
0209 KC9LC 559 VA CLYDE 5W

0210 K9DC 559 IN DAVE 5W
0211 WA9TZE 559 WI JIM 5W
0212 W5USJ 559 TX CHUCK 5W
0213 KK5LD 559 TX DAN 5W
0214 VA6RF 559 AB EARL 5W

0215 K5JHP 559 TX BILL 5W
0216 K5DW 559 TX DON 5W
0217 K8CV 559 MA WALT 5W
0218 W5YR 559 TX GEORGE 5W
0219 WE9K 559 WI GLENN 5W

0220 KK5NA 559 TX JOE 5W
0221 K4GT 559 GA JIM 5W
0222 N5ZE 559 TX LEW 5W
0223 W0CH 559 MO DAVE 5W
0224 K5FSE 559 GA JACK 5W

0225 AD6JV 559 VA BILL 5W
0226 AJ4AY 559 AL JAY 5W
0227 N1FN 559 CO ET 5W
0228 N2WW 559 CO LARRY 5W

0229 K2ZN 559 NY AL 5W

0232 KQ5U 559 TX TERRY 5W
0236 W3SMK 559 NY STEVE 5W
0238 KB7WW 559 OR ART 5W
0240 N9AW 559 WI JERRY 5W
0243 VE6EX 559 AB DAN 5W

0245 NK9G 559 WI RICK 5W
0247 KR5C 559 TX GEORGE 5W
0249 K9IS 559 WI STEVE 5W
0251 K5SR 559 TX DALE 5W
0253 K9IUA 559 IA KEVIN 5W

0256 W5TB 559 TX DOC 5W DUPE
0257 K5QEA 559 OK SAM 5W
0300 K5DI 559 NM KARL 5W
0301 K5EOA 559 LA WAYNE 5W
0302 W2AGN 559 NJ JOHN 5W

0303 K5ZTY 559 TX BILL 5W
0304 K7VF 559 CA JEFF 5W
0305 KS4L 559 AR RANDY 5W
0306 W7KXB 559 AZ BILL 5W
0307 NA8M 559 MI JOHN 5W

0308 W00XJ 559 CO BOB 5W
0310 K6VNX 559 CA ARLEN 5W
0312 N0WX 559 MN MIKE 5W
0315 NK6A 559 CA DON 5W
0317 K50T 559 WI LARRY 3W

0320 K3PH 559 PA BOB 5W
0322 K0FRP 559 CO AL 5W
0324 WU9F 559 WI TERRY 5W
0326 WA8BXN 559 OH MIKE 5W
0327 NV4V 559 KY PETE 5W

0328 AC7A 559 AZ TOM 5W
0329 N1TP 559 FL TOM 5W
0330 N5WL 559 OK BART 5W
0331 KR0U 559 CO TIM 5W
0332 W2RBA 559 NY JOE 5W

0333 KI0II 559 CO RON 2W
0334 AC5JH 559 OK TOM 5W
0335 AF4PS 559 FL MAC 2W
0336 N0TK 559 CO DAN 5W

0337 K50I 559 OK TIM 5W

0339 KB9YIG 559 IN TONY 500MW

0340 WA8NTA 559 CO DICK 5W

0342 AB9CA 559 AL DAVE 5W

0343 KJ0C 559 MO JIM 5W

0344 K3ESE 559 MD LLOYD 5W

0346 KG6CYN 559 CA TREV 5W

0347 NU8S 559 OH DENNIS 5W

0348 WA8ZBT 559 TX DENNIS 5W

0349 N6TW 559 CA LARRY 5W

0350 K6MMC 559 CA MIKE 5W

0352 K40AH 559 GA GAREY 5W

0353 KF2P 559 NY NICK 5W

0354 W9HL 559 IL RANDY 5W

0355 NK0E 559 CO DAVE 5W

0356 VA6MJT 559 AB MIKE 5W

0358 N5IB 559 LA JIM 5W

0359 KB9YIG 559 IN TONY 500MW DUPE

0400 K4FB 559 FL FOX 5W

0400 VE4WI 559 MB FOX 5W

89 - 2 DUPES=87 QSOs

72 & 73 from the cold country

VE4WI

PS: When is Detroit North of Canada

Date: Thu, 27 Feb 2003 19:27:33 -0600

From: "Bart N5WL" <blawson@classicnet.net>

To: <qrp-1@Lehigh.EDU>

Subject: [146780] FS cw iambic paddles.

Message-ID: <000e01c2dec8\$916d9aa0\$40fea8c0@xxxxxxxxxxxx>

MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Hi Group,

I have for sale two iambic paddles:

1. MFJ 564. This is a very heavy set of paddles, chrome base, ruby finger pieces. Included will be the paper work(on adjustment). This is a bullet proof set of paddles and the one that has been getting the most use here in my shack! == \$38 and I will ship!

2. Vibroplex Code Warrior Jr. iambic paddles. These are the factory paddles that were built under license from the original NorCal paddle kit. I find that I end up using the ones I built from the kit rather than this nice set of paddles. Vibroplex list these at \$99.95 I will sell for \$85 and I will ship. No paper work on these but they are serial #252!

I will pay for shipping in the U.S. If anyone outside the U.S. is interested -- just e-mail me and we can work out the shipping!

OBTW, these have never been used at over 5 watts:-)

Thanks for looking es 72, Bart

Date: Thu, 27 Feb 2003 20:36:36 -0500
From: "Brian KB9BVN" <brian@iquest.net>
To: "QRP-L" <qrp-l@Lehigh.EDU>, "Flying Pigs" <fpqrp-l@fpqrp.com>
Subject: [146781] 10 Turn Pots are almost gone
Message-ID: <010101c2dec9\$d58ee620\$0864030a@bmurrey2K>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Thank you everyone.

K3ESE gets 2
N5ED gets 1
N0JRN gets 2
WA7ZYQ gets 1
N2TNN gets 2

I have 2 left.

These are Bourns Part number 3500S-2-503 - 50K Ohm

This pot lists at about \$50 each.

These are new, not pulls.

\$18.00 each includes USA shipping. Limit two per person. The last time I had these I had 8 for sale and some guys didn't get one because I ran out.

Cash, check, or paypal is fine.

```
=====
KB9BVN/QRP - New Whiteland IN - EM69WN
QRP-ARCI #10223 QRP-L #1540 FIST #5695
FISTS CC #764 - Proud Member ARRL
HEATH HW-9 @ 2W or NORCAL 40A @ 1.3W
INTO INFAMOUS AF4PS ATTIC DIPOLE
SOC #400 AND FLYING PIGS QRP #-57
=====
```

Date: Thu, 27 Feb 2003 20:55:13 -0500
From: Larry - WA2DGD <wa2dgd@comcast.net>
To: NJQRP-List <NJQRP@NJQRP.ORG>,
Low Power Amateur Radio Discussion <QRP-L@Lehigh.EDU>
Subject: [146782] Ant/Rig switching
Message-ID: <000d01c2decc\$6f7ddf50\$6401a8c0@hamroom>
MIME-version: 1.0
Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 7BIT

Hello all,

I am looking for some suggestions for a small problem I am having. I have 3 different antennas, a dummy load and 3 different rigs. As of now I use one 4 position antenna switch for the antennas and another 4 position antenna switch for the rigs and it is a simple matter of selecting one antenna and one rig and all is well. Its nice and simple but only allows me to use one rig at a time. I now would like to listen to more than one rig at a time. I know I can come up with a solution that uses multiple antenna switches all hooked up to the antennas and rigs but that would get quite cumbersome, expensive and would have some signal loss due to all the connectors, jumpers and switches.

I was considering a simple "patch panel" with an SO-239 or female BNC for each antenna and rig and then make up some short jumpers with PL-259's or male BNC's and just hook up the desired rig to the desired antenna. This would allow me to listen to all three rigs simultaneously.

Has anybody come up with a more "elegant" solution to using multiple antennas with multiple rigs? I'd really like to hear from you.

Thanks,
73
Larry
WA2DGD
K2 #1672
ARCI QRP #11215
NJ-QRP# 395

Date: Thu, 27 Feb 2003 20:32:25 -0600
From: "Doc K0EVZ" <dock0evz@earthlink.net>
To: "qrp-l reflector" <qrp-l@lehigh.edu>
Cc: "doc k0evz earthlink" <dock0evz@earthlink.net>
Subject: [146783] FOXes spotted
Message-ID: <412003252823225918@earthlink.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII

Gang:

Both FOXes are loud into Bismarck, 589 or so with some QSB. Karl K5DI is on 7.036.1 listening ~1.5-2.0. Ron W8RU is spot on 7.042.3 and picking them up just a bit high. Wow, the pileups are big and loud. Believe this could be a great evening to grab a pair of FOX pelts. GL everyone.

73,
--Doc/K0EVZ

Date: Thu, 27 Feb 2003 20:38:48 -0600
From: "Doc K0EVZ" <dock0evz@earthlink.net>
To: "qrp-l reflector" <qrp-l@lehigh.edu>
Cc: "doc k0evz earthlink" <dock0evz@earthlink.net>
Subject: [146784] Truffle Hunt
Message-ID: <412003252823848268@earthlink.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII

Gang:

I finally jumped in as Truffle, since apparently Dave W5R0 was unable to get on there himself. Logged 18 FP's in the last 17 minutes. Sorry for those missed because of time. Drat it. There was terrific QRN the last 7 minutes, so copy was tough, also. Setup here was a K1 to a 560' horizontal loop up 33'.

Will post the log ASAP. Thanks everyone.

73,

--Doc/K0EVZ

Date: Thu, 27 Feb 2003 21:41:10 -0500
From: wkhibbert@juno.com
To: qrp-1@lehigh.edu
Subject: [146785] Need Info On Iomega Power Supply
Message-ID: <20030227.214113.-196097.0.wkhibbert@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I purchased the Iomega Zip drive that Joe, W2KJ had posted on the list. It arrived OK, but he had never received the wall wart for the drive, and one was not included in the kit.

I contacted Iomega today, trying to find out what the ratings for their wall wart power supply is and ran into a stone wall. They would not tell me the operating voltage, the required current or the plug's polarity. It's not a "user-servicable" part said one of the techs, and the Email response said that the "information requested is of a proprietary nature and may not be divulged except to Authorized Service organizations..."

Anyway, someone on the List MUST have a parallel-port Zip drive, a voltmeter and maybe even the specs.

Could someone please check their wall wart and let me know the voltage, current rating and the polarity of the plug? I can't believe that I

don't have a supply here that I could press into service, but I am working blind at this point.

Direct replies, please!

73, Wm. Keith Hibbert, WB2VUO, TC/WNY ARRL Section
President, Brockport Amateur Radio Klub
"My night light runs more power than my Rig!!!"

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Date: Thu, 27 Feb 2003 21:42:40 -0500
From: "Brian KB9BVN" <brian@iquest.net>
To: "Flying Pigs" <fpqrp-1@fpqrp.com>,
 "QRPP-1" <QRPP-1@yahooogroups.com>, "QRP-L" <qrp-1@Lehigh.EDU>
Subject: [146786] 10 Turn Pots are gone
Message-ID: <00c801c2ded3\$10d119c0\$106a2bd1@bmurrey2K>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

K3ESE gets 2 (Lloyd)
N5ED gets 1 (Ed)
N0JRN gets 2 (Jerry)
WA7ZYQ gets 1 (Dave)
N2TNN gets 2 (Dean)
KM5CW gets 1 (Joe)
AG4XX gets 1 (Felix)

Thank you all.

=====
KB9BVN/QRP - New Whiteland IN - EM69WN
QRP-ARCI #10223 QRP-L #1540 FIST #5695
FISTS CC #764 - Proud Member ARRL
HEATH HW-9 @ 2W or NORCAL 40A @ 1.3W
INTO INFAMOUS AF4PS ATTIC DIPOLE
SOC #400 AND FLYING PIGS QRP #-57
=====

Date: Thu, 27 Feb 2003 20:45:1 -0600
From: "Doc K0EVZ" <dock0evz@earthlink.net>
To: "qrp-l reflector" <qrp-l@lehigh.edu>
Cc: "doc k0evz earthlink" <dock0evz@earthlink.net>
Subject: [146787] Ron W8RU = CQ FOX
Message-ID: <41200325282451995@earthlink.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII

Gang:

Hearing Ron W8RU calling CQ FOX at 0243Z. Hang in there, as he has terrific ears and a Yaesu FT-1000D. GL everyone.

73,
--Doc/K0EVZ

Date: Thu, 27 Feb 2003 21:56:17 -0500
From: W2EB <w2eb@twcnny.rr.com>
To: wa2dgd@comcast.net, qrp-l@lehigh.edu
Subject: [146788] Re: Ant/Rig switching
Message-ID: <3E5ECFD1.4060203@twcnny.rr.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

Larry,

I've been using patch panels for years. If constructed properly, a BNC connection can have NO discernible loss. Find crimp female bulkhead mounted BNC connectors (Try Jameco.com). Use these on the front of the patch to make the "patched" connections, and on the rear for the equipment connection. The only place you'll need a shield or impedance discontinuity is when using S0-239s for antenna connections.

Another advantage of a patch panel is that it allows you to add several pieces of test equipment, or a tuner/filter in-line whenever you need. Simply include things like filters, SWR meter, tuner, balun on the patch panel. Then they can be switched in/out whenever you need.

GL,

Bill
W2EB

Larry - WA2DGD wrote:

> Hello all,

>

> I am looking for some suggestions for a small problem I am having. I
> have 3 different antennas, a dummy load and 3 different rigs. As of now I
> use one 4 position antenna switch for the antennas and another 4 position
> antenna switch for the rigs and it is a simple matter of selecting one
> antenna and one rig and all is well. Its nice and simple but only allows me
> to use one rig at a time. I now would like to listen to more than one rig at
> a time. I know I can come up with a solution that uses multiple antenna
> switches all hooked up to the antennas and rigs but that would get quite
> cumbersome, expensive and would have some signal loss due to all the
> connectors, jumpers and switches.

> I was considering a simple "patch panel" with an SO-239 or female BNC
> for each antenna and rig and then make up some short jumpers with PL-259's
> or male BNC's and just hook up the desired rig to the desired antenna. This
> would allow me to listen to all three rigs simultaneously.

> Has anybody come up with a more "elegant" solution to using multiple
> antennas with multiple rigs? I'd really like to hear from you.

>

> Thanks,

> 73

> Larry

> WA2DGD

> K2 #1672

> ARCI QRP #11215

> NJ-QRP# 395

>

>

Date: Thu, 27 Feb 2003 21:03:57 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>
To: Doc K0EVZ <dock0evz@earthlink.net>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Subject: [146789] Re: FOXes spotted
Message-ID: <Pine.LNX.4.33.0302272103060.18267-100000@neale.gpfn.sk.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hey Doc, please take the RF curtain down at the border...can't hear a thing here...hihihi....

..72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272
A-1 Operator Club - 10/10# 944 - QRP Borg#1 - Whiner#10 -
- VE5QRP SOC#11 - VE5RC SOC#12 - oo#148 - K2#2032 - COG#15 -
"QRP! How sweet it is!" "I am da man wit "DAH" paddle!"

On Thu, 27 Feb 2003, Doc K0EVZ wrote:

> Gang:
>
> Both FOXes are loud into Bismarck, 589 or so with some QSB. Karl K5DI is
> on 7.036.1 listening ~1.5-2.0. Ron W8RU is spot on 7.042.3 and picking
> them up just a bit high. Wow, the pileups are big and loud. Believe this
> could be a great evening to grab a pair of FOX pelts. GL everyone.
>
> 73,
> --Doc/K0EVZ
>
>
>
>
>
>
>

Date: Thu, 27 Feb 2003 22:06:12 -0500 (Eastern Standard Time)
From: W2AGN <w2agn@w2agn.net>
To: dock0evz@earthlink.net, qrp-l@Lehigh.EDU
Subject: [146790] Re: FOXes spotted
Message-ID: <3E5ED224.00000A.55197@w2agn>
MIME-version: 1.0
Content-type: Text/Plain
Content-transfer-encoding: 7BIT

Got Ron easy. Don't know how I missed him first time around. Took a lot of calling to get Karl, but that's that 10db pad I guess.

+-----+ John L. Sielke
|W||2||A||G||N| <http://www.w2agn.net> [UPDATED]
+-----+ Ex-K3HLU,TF2WKT,W7JEF,W4MPC,N4JS

-----Original Message-----

From: dock0evz@earthlink.net
Date: Thursday, February 27, 2003 09:43:22 PM
To: Low Power Amateur Radio Discussion
Subject: FOXes spotted

Gang:

Both FOXes are loud into Bismarck, 589 or so with some QSB. Karl K5DI is on 7.036.1 listening ~1.5-2.0. Ron W8RU is spot on 7.042.3 and picking them up just a bit high. Wow, the pileups are big and loud. Believe this could be a great evening to grab a pair of FOX pelts. GL everyone.

73,
--Doc/K0EVZ

.

Date: Thu, 27 Feb 2003 22:08:38 -0500
From: "Dennis Payton" <dpayton@fwi.com>
To: <qrp-1@Lehigh.EDU>
Subject: [146791] Planning Ugly SMT SST For SS
Message-ID: <005b01c2ded6\$b0d916e0\$e6b054d1@6300us>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I'm playing around with seeing how light I can build a 40-meter SST for the

Spartan Sprints. Although I've never heard anyone mention using SMT components to build ugly, I don't see why they couldn't be used, maybe along with 1/8 watt resistors and tiny mono caps. I do realize it will present its own set of problems though. My initial plans are to build the rig out of ten tiny assemblies, plus a keyer assembly. I hope a surface mount keyer chip is still available.

I haven't come to any firm conclusions yet, as to how to power it or enclose it, but don't plan to run more than about 200mw. That should help keep my battery weight and output transistor weight to a minimum, yet give me plenty of contacts. I figure a phono plug will make the best lightweight antenna connector, and I plan to wire earbuds or an earphone directly to the circuitry through a hole in the front panel, saving the weight of fittings.

I don't have much of a collection of SMT components (I wish Norcal would come out with a kit!), but have some boards that I think I can rob most of what I need from. I'm surprised at how easily components can be removed using two soldering irons. I make sure they're heavily tinned, hold one on each side of a component and slightly wiggle them. As soon as the component moves, I know it's loose, so I quickly lift them, then either use one iron to knock the component off of the other, or shake it off. It's quick, and doesn't appear to expose the component to too much heat. To remove the 8-pin IC's, I short out all the pins on each side with a blob of solder along the end of their leads, then do the same procedure. When I knock the IC off the iron, it's usually clean of solder. A question - can I expect the removed components to be dependable as long as I don't expose them to too much heat?

Also, Digi-Key doesn't have surface mount LT1252's available until April. Does anyone know where I can find one sooner? I'm eager to get this thing built and on the air. I'm hoping its light weight will shoot my usual dozen or so contacts to near the top of the scoring! :-)

Thanks, Denny Payton N9JXY

Date: Thu, 27 Feb 2003 19:13:47 -0800
From: "richqrp" <richqrp@cox.net>
To: <wkhibbert@juno.com>,
 "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [146792] Re: Need Info On Iomega Power Supply
Message-ID: <001101c2ded7\$68907df0\$c1770744@wd6fddstssz5sg>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

mine says 5V. 1A. center pin +..... hope it helps..

Rich/WD6FDD

----- Original Message -----

From: <wkhibbert@juno.com>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Sent: Thursday, February 27, 2003 6:41 PM

Subject: Need Info On Iomega Power Supply

> I purchased the Iomega Zip drive that Joe, W2KJ had posted on the list.
> It arrived OK, but he had never received the wall wart for the drive, and
> one was not included in the kit.

>

> I contacted Iomega today, trying to find out what the ratings for their
> wall wart power supply is and ran into a stone wall. They would not tell
> me the operating voltage, the required current or the plug's polarity.
> It's not a "user-servicable" part said one of the techs, and the Email
> response said that the "information requested is of a proprietary nature
> and may not be divulged except to Authorized Service organizations..."

>

> Anyway, someone on the List MUST have a parallel-port Zip drive, a
> voltmeter and maybe even the specs.

>

> Could someone please check their wall wart and let me know the voltage,
> current rating and the polarity of the plug? I can't believe that I
> don't have a supply here that I could press into service, but I am
> working blind at this point.

>

> Direct replies, please!

>

> 73, Wm. Keith Hibbert, WB2VUO, TC/WNY ARRL Section
> President, Brockport Amateur Radio Klub
> "My night light runs more power than my Rig!!!"

>

>

> -----
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Date: Thu, 27 Feb 2003 21:17:35 -0600

From: "Jay Henson" <aj4ay@worldnet.att.net>

To: "QRPL" <qrp-1@lehigh.edu>

Subject: [146793] FOXII

Message-ID: <004f01c2ded7\$f10ed050\$1d72560c@jay>

MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

All,

Karl is running about S7 into AL this evening at 7.0359 and listening up.
Some up and down QRM but still easy copy.

Ron is running S8 at 7.0422 and no takers just now.

Good luck to all.

Jay
AJ4AY
Mobile, AL
QRPL 1372, ARCI 8131, FISTS 7917, FP -115, SOC 220

Date: Thu, 27 Feb 2003 21:32:06 -0600
From: Tim Pettibone <k5oi@cox.net>
To: qrp-l@lehigh.edu
Subject: [146794] FOX spot
Message-ID: <5.1.0.14.0.20030227213026.00b18cd0@pop.central.cox.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Wow! Poor Karl - he's on 7.036 listening up and there's a huge pack of
hounds calling him, even at 03:30z. Good luck gang

Tim K5OI
Stillwater, OK

Date: Thu, 27 Feb 2003 21:38:33 -0600
From: "Frank Emens" <femens@hiwaay.net>
To: qrp-l@lehigh.edu
Subject: [146795] Iomega zip drive power supply
Message-ID: <3E5E8559.8437.CC79F8@localhost>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

Content-description: Mail message body

Darn -- deleted message too quickly. Which zip drive are you looking for information on? I just checked the Iomega web site under "support" and was able to get the specs for the wall wart for a 100 MB parallel port zip drive.

Date: Thu, 27 Feb 2003 22:45:12 -0500 (EST)
From: <n2go@arrl.net>
To: <qrp-l@Lehigh.EDU>
Subject: [146796] WTB k8iqy pvxo
Message-ID: <Pine.LNX.4.33.0302272242540.28612-1000000@valhalla.v>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Anybody have one that they haven't built or built and don't need?
Will buy or trade a Brass Racer for it.

73,

Jim n2go

Date: Thu, 27 Feb 2003 22:07:45 -0600
From: "Bart N5WL" <blawson@classicnet.net>
To: <qrp-l@Lehigh.EDU>
Subject: [146797] Re: FS cw iambic paddles.
Message-ID: <000c01c2dede\$f3209520\$40fea8c0@xxxxxxxxxxxxxx>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

The Code Warrior Jr. paddles have been sold!

tnx agn es 72, Bart

Date: Fri, 28 Feb 2003 04:14:32 GMT
From: Wayne_W5KDJ <w5kdj@juno.com>
To: qrp-l@lehigh.EDU, soc@mailman.qth.net
Subject: [146798] 2fer 2nite
Message-ID: <20030227.231506.8969.80850@wm8.nyc.unttd.com>

Worked both fox's 2 nite with 250mw. Trick is to start with high power(300mw)and work down until they Answer.

Wayne_W5KDJ
NW Houston
SV0WWW_TF2WJN
ARCI_11325 * ARS_1392 * SOC_538

Date: Thu, 27 Feb 2003 21:39:17 -0700 (MST)
From: "Karl F. Larsen" <k5di@zianet.com>
To: qrp-l@lehigh.edu
Subject: [146799] FOX: Sorry Hounds!
Message-ID: <Pine.LNX.4.44.0302272128040.1406-100000@bucket.dog>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I'm sure sorry my ears are so bad guys. I heard a hundred guys on the Hound frequency and some times I could copy nothing but a solid tone made by 20 Hounds calling on about the same frequency. Had a lot of help from 2 guys calling CQ again and AGAIN right in the middle of the Hounds. There is no way they could not have heard you.

Bet you all noticed the fast fade. My last pelt went to VE6EX Dan who got strong enough for me to copy right at the last.

But it was fun and I did give away about 80 pelts. I think everyone knows if they made my log because for most contacts I gave the Hound call sign just before TU.

Know for bed and sweet dreams of better conditions. And K9UIY blew my earphones off. God he was loud. I got 559 IL Vic 100W...:-)

--

- Karl Larsen k5di Las Cruces,NM Az ScQRPions -

Date: Thu, 27 Feb 2003 23:38:34 -0500
From: "Patrick Schwarz" <psschwarz@kellnet.com>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [146800] Re: Need Info On Iomega Power Supply
Message-ID: <00ab01c2dee3\$4208a340\$724dfea9@patrick>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Makes no sense. Thought this was required consumer information that is supposed to be posted on all electronic equipment. Understanding you didn't receive a wall wart, but didn't Iomega at least offer to sell you one for your drive?

Patrick...KB8RTZ...

> I contacted Iomega today, trying to find out what the ratings for their
> wall wart power supply is and ran into a stone wall. They would not tell
> me the operating voltage, the required current or the plug's polarity.
> It's not a "user-servicable" part said one of the techs, and the Email
> response said that the "information requested is of a proprietary nature
> and may not be divulged except to Authorized Service organizations..."
>
> Anyway, someone on the List MUST have a parallel-port Zip drive, a
> voltmeter and maybe even the specs.
>
> Could someone please check their wall wart and let me know the voltage,
> current rating and the polarity of the plug? I can't believe that I
> don't have a supply here that I could press into service, but I am
> working blind at this point.
>
> Direct replies, please!
>
> 73, Wm. Keith Hibbert, WB2VUO, TC/WNY ARRL Section
> President, Brockport Amateur Radio Klub
> "My night light runs more power than my Rig!!!"
>
> -----
> Sign Up for Juno Platinum Internet Access Today
> Only \$9.95 per month!
> Visit www.juno.com
>

Date: Thu, 27 Feb 2003 23:37:01 -0500
From: "Philip L. Carter" <pcarter@gcfn.org>
To: wkhibbert@juno.com

Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [146801] Re: Need Info On Iomega Power Supply
Message-ID: <3E5EE76D.8000102@gcfn.org>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

5V 1A tip + at least on mine

73
Phil wd8qwr

Date: Thu, 27 Feb 2003 23:48:34 -0500
From: Pete Burbank <plburbank@earthlink.net>
To: qrp-l@lehigh.edu
Subject: [146802] 10 turn pots
Message-ID: <5.2.0.9.0.20030227234530.00a408f0@Earthlink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

I noticed that Jameco has some good prices on Bourns 10 T pots. \$13.49 for 10k wire wound.
73
Pete NV4V Ky

Date: Fri, 28 Feb 2003 00:12:36 -0500 (EST)
From: "Scott Rosenfeld [N7JI]" <ham@w3eax.umd.edu>
To: qrp-l <qrp-l@lehigh.edu>, <eax@w3eax.umd.edu>, Laurel ARC <larc-l@webtrek.com>, <cw@mailman.qth.net>
Subject: [146803] FS: Keyers, paddles, lots more (some add'l stuff added)
Message-ID: <Pine.LNX.4.44.0302272353420.4763-100000@w3eax.umd.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

The shack clean-out continueth successfully...the list is smaller and a bit altered...a few items lighter, a few prices reduced.

Some new ones added...thanks for looking...

CODE STUFF

Ham Radio Center HAM KEYSER HK5A	\$45
MFJ 422B piggyback keyer for Bencher paddle	\$45
Vectronics CK200 electronic keyer	\$45
MFJ-407B deluxe electronic keyer (Curtis 8044)	\$45
Vibroplex Brass Racer w/Curtis 8044 keyer EK-1, triangle	
\$115	
Vibroplex Vibrokeyer Standard, SN 256271 (mfd 1968? in NYC)	
\$95	
Bencher BY-1 (standard, black base), great cond.	\$73

HF TUNERS & WATTMETERS & OTHER STUFF

MFJ 901B 200w 160-10m tuner. No meters, very compact.
\$55

Emtech ZM-2 Zmatch, UHF connectors, built & tested (\$65 as kit)
\$73

BUD LF601A adjustable lowpass (52-72 ohms) - have 2, one with box.
make offer!

VHF radios and accessories

Radio Shack HTX-212 50w 2m mobile FM, excellent condition,
in box w/manual, mic. \$110

TWO Alinco DJ-F1T 2m HTs w/extended RX range. Good condition. Comes
w/three batteries, two chargers, one box, one manual, speaker-mic,
car adaptor, two antennas (one bent but working). all for \$180

TWO Yaesu FT-50R/FTT-12 handhelds (2m/440 MHz) w/box, manuals.
Wideband RX, mil-spec construction, digital voice recorder,
in excellent condition with the following:

- NC-50 dual slot rapid charger w/CA-14 sleeves
- Periphex NC-601 rapid charger
- SEVEN (yes, 7) FNB-41 batteries
- THREE FNB-40 batteries
- ONE FNB-49 battery
- ONE FNB-15 battery case

This would cost over \$800 if purchased today (and it can be at any
major ham retailer!). Offers considered on parts or entire package.

ONE Radio Shack HTX-202 2m HT and ONE ICOM 2AT 2m thumbwheel HT.
The 202 has an "ER1" which is a PLL unlock condition.
Comes with:

Icom BC-35 drop-in rapid charger
W&W 8.4v 1400 mAh battery
Icom speaker mic
FOUR BP-8/BP-8S batteries (high capacity)
ONE Radio Shack NiCd battery
Icom BP-3 battery

Asking \$175 for all of the above.
Will part out.

Alinco EDC-36 cigarette lighter cable	mk offer
Alinco EMS-8 speaker/mic for DJ-580T	mk offer
Icom CP-13 filtered power cord	mk offer
Maldol AH-209 stubby 2m/440 antenna (BNC)	mk offer
Kenwood 2m/440 MHz BNC antenna	mk offer
Alinco 2m/440 MHz BNC antenna	mk offer
Generic Japanese 2m/440 MHz BNC antenna	(2) mk offer

Accessories

Radio Shack DSP-40 DSP/speaker unit. 5w audio amp, w/box.	
\$35	
JPS NIR-10 digital audio processor, ex. cond.	\$100
Autek QF-1A audio filter, very good shape	\$45

VHF amps

RF Concepts VHF-1-60 2m HT amplifier, 1w in gives 60w out.
\$130
(designed for FM but who knows, modifiable for class AB?)

Offers and package deals considered.

Thanks for reading.

--

Scott Rosenfeld ARS N7JI
541-684-9970 Eugene, OR Land o' much rain
If you find me on the air, I'm probably in my car
ham@w3eax.umd.edu <http://w3eax.umd.edu/~ham>

Date: Thu, 27 Feb 2003 23:22:20 -0600
From: "Doc K0EVZ" <dock0evz@earthlink.net>
To: "qrp-l reflector" <qrp-l@lehigh.edu>
Cc: "doc k0evz earthlink" <dock0evz@earthlink.net>
Subject: [146804] Truffle Log for 2/28/03
Message-ID: <41200325285222016@earthlink.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII

Gang:

Sorry that Dave WR50 got caught at work and couldn't take his turn as Truffle tonite. I finally jumped in at 0143 and worked as many as possible in a hurry. Missed some of you because of terrific QRN at times. Very sorry but time finally ran out. Oh, I simply used a default RST of 559. Several of you were well above this figure.

Please check this hurried log and send corrections. Column 5 reflects either the Flying Pigs # or the Power you sent. Thanks again.

0143	W5YR	559	TX	George	404
0144	AC5JH	559	OK	Tom	51
0144	N9NE	559	WI	Todd	5W
0145	K3ESE	559	MD	Lloyd	477
0146	K5IR	559	TX	Dale	5W
0147	K5JHP	559	TX	Bill	5W
0147	N5ZE	559	TX	Lew	5W
0148	WA9TZE	559	WI	Jim	417
0149	N6LIF	559	TX	Martin	5W
0151	W5USJ	559	TX	Chuck	5W
0151	W0CH	559	MO	Dave	32
0153	K4FB	559	FL	Paul	124
0154	K5DW	559	TX	Don	5W
0155	K5DI	559	NM	Karl	5W
0156	W9HL	559	IL	Randy	382
0158	W5JAY	559	AR	Jay	1W
0159	W7KXB	559	AZ	Bill	5W
0159	N1TP	559	FL	Tom	368
TOTAL = 18 QSOes					

73,
--Doc/K0EVZ

Date: Thu, 27 Feb 2003 23:54:22 -0600
From: "George, W5YR" <w5yr@att.net>
To: <k5di@zianet.com>,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [146805] RE: Sorry Hounds!
Message-ID: <IGEMKCEKDDMKFONPPFHBEEELADCAA.w5yr@att.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="US-ASCII"
Content-Transfer-Encoding: 7bit

You done good, Karl! That's Pesky Texan talk! <:}

Thanks for the pelt . . .I knocked off about 0330Z and you were still as much as S9+10 dB in here. Never heard you so loud before.

73/72, George
Amateur Radio W5YR - the Yellow Rose of Texas
Fairview, TX 30 mi NE of Dallas in Collin county EM13QE
"In the 57th year and it just keeps getting better!"

-----Original Message-----

From: owner-qrp-l@Lehigh.EDU [mailto:owner-qrp-l@Lehigh.EDU]On Behalf Of Karl F. Larsen
Sent: Thursday, February 27, 2003 10:39 PM
To: Low Power Amateur Radio Discussion
Subject: FOX: Sorry Hounds!

I'm sure sorry my ears are so bad guys. I heard a hundred guys on the Hound frequency and some times I could copy nothing but a solid tone made by 20 Hounds calling on about the same frequency. Had a lot of help from 2 guys calling CQ again and AGAIN right in the middle of the Hounds. There is no way they could not have heard you.

Bet you all noticed the fast fade. My last pelt went to VE6EX Dan who got strong enough for me to copy right at the last.

But it was fun and I did give away about 80 pelts. I think everyone knows if they made my log because for most contacts I gave the Hound call sign just before TU.

Know for bed and sweet dreams of better conditions. And K9UIY
blew my earphones off. God he was loud. I got 559 IL Vic 100W...:-)

--

- Karl Larsen k5di Las Cruces,NM Az ScQRPions -

Date: Fri, 28 Feb 2003 01:56:12 -0500
From: Pete Burbank <plburbank@earthlink.net>
To: k5di@zianet.com,
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [146806] Re: FOX: Sorry Hounds!
Message-ID: <5.2.0.9.0.20030228014352.00a38ec0@Earthlink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

I thought you did really well Karl. The QSB was pretty deep at times and
CQers were pumping the AGC
when I worked you.
The mysterious RF curtain was up between here in the Bluegrass and Michigan
as I never heard Ron.
It is strange that I could not hear him and he was heard in Alabama. The
propagation fairy strikes again! :-) :-)
73 es Tnx for a fine job.
Pete NV4V Ky

At 11:39 PM 2/27/2003, Karl F. Larsen wrote:

> I'm sure sorry my ears are so bad guys. I heard a hundred guys
>on the Hound frequency and some times I could copy nothing but a solid
>tone made by 20 Hounds calling on about the same frequency. Had a lot of
>help from 2 guys calling CQ again and AGAIN right in the middle of the
>Hounds. There is no way they could not have heard you.

>

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>

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>Hound call sign just before TU.

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>blew my earphones off. God he was loud. I got 559 IL Vic 100W...:-)

>

>--

>
>

- Karl Larsen k5di Las Cruces, NM Az ScQRPions -

Date: Fri, 28 Feb 2003 05:16:17 -0500
From: "Ed Kessler" <aa3sj@arrl.net>
To: qrp-l@Lehigh.EDU
Subject: [146807] FS/FT MFJ 986 Differential "T" Tuner
Message-ID: <3E5EF0A1.3616.2153866@localhost>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-description: Mail message body

Hello,

I recently bought a matching tuner for my Ten Tec "big rig" so this MFJ 986 Differential T is surplus to my needs.

The tuner is in excellent electrical condition but has a few minor scratches on the top of the case. I'm not sure if I have a manual; if I can find it, it will be included with the deal.

I'd be interested in trading for an unbuilt HF kit with appropriate cash difference. An LDG Z-11 would also be considered. I'm also especially interested in a miniR2 RX board (built or unbuilt).

Outright sale price would be \$200 plus \$10 shipping.

Any interests, before I take it to a hamfest in several weeks?

73
Ed AA3SJ

Ed Kessler
950 Woodside Station Road
Millersburg, PA 17061

Date: Fri, 28 Feb 2003 06:25:16 -0500
From: Dave Gingrich K9DC <gingrich2@dcg.org>
To: <qrp-1@Lehigh.EDU>
Subject: [146808] Drat. Another FOX got away
Message-ID: <50035C36-4B0F-11D7-871A-000393C78314@dcg.org>
Mime-Version: 1.0 (Apple Message framework v551)
Content-Type: text/plain; charset=US-ASCII; format=flowed
Content-Transfer-Encoding: 7bit

<sigh>

I heard both creatures early on, but Ron was very weak here in Indy. I have worked him in the past with less signal, but early in the event the pack was just too thick. When the pack thinned out to whisper levels, Ron was completely gone.

Heard Karl here quite well, but that pesky critter was bouncing around the boulder field listening around at various places in the band.

Quite strange last night... Karl was always stronger on my 80m horiz loop, while Ron (when I heard him) was stronger on the inverted L. Usually the loop is better for the close in folks.

=====
Dave Gingrich, K9DC
Indianapolis, Indiana USA
=====

Date: Fri, 28 Feb 2003 12:15:54 +0000
From: "Leon Heller" <leon_heller@hotmail.com>
To: brian@iquest.net, qrp-1@Lehigh.EDU
Subject: [146809] Re: OT - Operation Support
Message-ID: <F84YsbXuPQTkGM4ps7r000130df@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

>From: "Brian" <brian@iquest.net>
>Reply-To: brian@iquest.net
>To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
>Subject: OT - Operation Support
>Date: Thu, 27 Feb 2003 16:45:18 -0500

"pre moistened towelettes" for soldiers! You wouldn't catch British troops using such namby-pamby luxuries.

73, Leon

--

Leon Heller, G1HSM Tel: +44 1424 14790

Email:leon_heller@hotmail.com

My web page: http://www.geocities.com/leon_heller

Overloaded with spam? With MSN 8, you can filter it out
<http://join.msn.com/?page=features/junkmail&pgmarket=en-gb&XAPID=32&DI=1059>

Date: Fri, 28 Feb 2003 07:24:58 -0500
From: Al Scanandoah <k2zn@rochester.rr.com>
To: qrp-l <qrp-l@lehigh.edu>
Subject: [146810] FOX - zip, nada, zilch...
Message-ID: <3E5F551A.50800@rochester.rr.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

I never heard a peep out of Ron; perhaps we're just too close. I devoted most of the hunt to calling Karl in vain; he was quite loud here most of the time, but I never broke through :-(

Al, K2ZN

Date: Fri, 28 Feb 2003 08:25:00 -0500
From: wkhibbert@juno.com
To: qrp-l@lehigh.edu
Subject: [146811] Iomega Power Supply Info: Thanks to All!
Message-ID: <20030228.082501.-435007.0.wkhibbert@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

19 replies, an amazing tally.

And it ends up that the 5 volt supply for my USB hub will work.

Thanks to everyone that contributed info to my question. Now, should I forward this "Proprietary" info back to Iomega??????????

NOT!

73, Wm. Keith Hibbert, WB2VUO, TC/WNY ARRL Section
President, Brockport Amateur Radio Klub
"My night light runs more power than my Rig!!!"

Sign Up for Juno Platinum Internet Access Today
Only \$9.95 per month!
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Date: Fri, 28 Feb 2003 07:38:09 -0600
From: "Dave Redfearn" <n4elm@attbi.com>
To: "Low Power Amateur Radio Discussion \ (E-mail\)" <qrp-l@lehigh.edu>,
"Ten-Tec Mail list \ (E-mail\)" <tentec@contesting.com>
Subject: [146812] DO OVER ! - FS: Various Ten-Tec accessories
Message-ID: <000101c2df2e\$a1e82330\$016fa8c0@Pavillion>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

There have been quite a number of questions especially about the PTOs and the discussion has gotten confusing.
Additionally, I don't want to mislead anyone on the PTOs.
So I'm going to re-start this from scratch as of 1340 UTC, 28 Feb 03 and will first be looking for a buyer for the whole lot.
I will leave individual item prices as a guide for what I think they're worth.
I have also added some new items at the top of the list.

I think, I remember getting the PTOs and the C21 audio boards 10-15 years ago at the Shelby, NC hamfest from a bin full.
At the time, I think I was told that they were the last of the Century 21 parts from the factory.
The PTOs and audio boards have been sitting in my junk box since. They may have been factory rejects, I don't know.

They are complete in that all the mechanical and electrical parts are there except the top and bottom covers. I have only actually hooked up one or two which did seem to work OK at the time but I have not used them recently.

I'm cleaning out my stash of assorted Ten-Tec parts and stuff.

1 - Digital Argosy (525D) case set, includes front panel, top case, bottom case.

New never installed, may be slightly dusty.

\$20.00

1 - Century 22 front panel, used, some nicks, fair shape

\$5.00

1 - Scout/Argo bottom case, used, slight scratches

\$2.00

1 - #206 Crystal calibrator Case is fair, one big scratch all the way to the metal on the top.

The 100 KC crystal is dead and will have to be replaced.

\$5.00

1 - Argosy RF/Mixer board #80784 Rev B,

complete except Q6 is missing, from the earlier series, don't know if it works.

\$5.00

3 - Century 21 Audio boards #90616A,

one complete, one complete except for mixer transformers,

one complete but cut down for a project

all for \$10.00

3 - Century 21 PTOs, 2 complete, one the reduction drive shaft is cut down and it is disassembled (have all parts).

all - missing top and bottom covers

all for \$25.00

2 - Dial Re-string kits, New - complete

both for \$15.00

1 - PTO re-build kit, New - complete

\$15.00

2 - PTO knobs (black), 4 - 5/8" knobs w/ pointer, 4 - 5/8" Bar knobs, New

all for \$5.00

4 - 12" coax jumpers with coax connectors (for Scout/Argo board)

All for

\$2.00

Other various connectors, screws, knobs

Asking \$80.00 for the entire lot.

73 - Dave

=====

Dave Redfearn, ARS N4ELM, McKinney, TX
Email: n4elm@NOJUNKattbi.com (to reply, remove NOJUNK)
QRL? de N4ELM/qrp

Date: Fri, 28 Feb 2003 08:38:35 -0500
From: "Stephen King" <frstephenk@stfrancishigh.org>
To: "QRP-L" <qrp-l@lehigh.edu>
Subject: [146813] Fox: SKUNK!
Message-ID: <001f01c2df2e\$b14fec90\$3950a8c0@RM204>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Well, here in Buffalo conditions were not too good last night. I never heard Ron at all (too close I guess) and Karl was up and down in the noise here. LOTS of QRN here last night! But there is always next week!

Peace & 73
Stephen
W3SMK
K2 #2644

Date: Fri, 28 Feb 2003 09:00:45 -0500
From: "KB9BVN" <brian@iquest.net>
To: "QRP-L" <qrp-l@lehigh.edu>, "pigs" <fpqrp-l@mpna.com>,
 <2n2-40@yahoogroups.com>
Subject: [146814] Metal 2N222's all gone
Message-ID: <005801c2df31\$ca0964c0\$3d05080a@cincom.com>

MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Thank you, all 20 of the packs of metal 2N2222's I had, have been sold.

73

```
=====
KB9BVN/QRP - New Whiteland IN - EM69WN
QRP-ARCI #10223 QRP-L #1540 FIST #5695
FISTS CC #764 - Proud Member ARRL
HEATH HW-9 @ 2W or NORCAL 40A @ 1.3W
INTO INFAMOUS AF4PS ATTIC DIPOLE
SOC #400 AND FLYING PIGS QRP #-57
=====
```

Date: Fri, 28 Feb 2003 14:30:15 +0000
From: "Brad Hernlem" <alihernlem@hotmail.com>
To: qrp-l@lehigh.edu
Subject: [146815] Re: Again the Channel Modem
Message-ID: <F72Zj5TZhgriJDypWVM000013aa3@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

David Hinerman (WD8CIV@worldnet.att.net) asks:

>Brad,

>Can you locate any sort of manufacture date or date code on the boards?

On one board, for example, there is a sticker with a faded mark that reads "Rockwell Int'l Warranty Begins" followed by what looks like "3 84". Various other marks include:

622 3678 100 REV P

F/B 639-7477-001 REV B

ASSY 622-3678-003 REV

1083 TRACE 6770

and stickers reading:

Rev. P

S/N 110585

I am supposing, then, that these are from circa 1983/1984.

Brad KG6IOE

STOP MORE SPAM with the new MSN 8 and get 2 months FREE*
<http://join.msn.com/?page=features/junkmail>

Date: Fri, 28 Feb 2003 14:42:48 +0000
From: "Brad Hernlem" <alihernlem@hotmail.com>
To: qrp-1@lehigh.edu
Cc: dafouchey@comcast.net
Subject: [146816] Re: Again the Channel Modem
Message-ID: <F50K1Fj4seHoEjAQUCV00008170@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Dave Fouchey (dafouchey@comcast.net) writes:

>Channel Units from a Rockwell Microwave Carrier Telephone System. I tried
>to find some of our old documentation for Brad when he first posted it >but
>it had all been trashed...

>73's
>Dave
>WA4EMR

Dave,

Thanks for looking. I've gotten a lot of good feedback about conceptually how these were used but I am still left guessing as to how to interface the terminal mixers.

The mixers closest to the audio section must have been driven at 256 kHz (because the mechanical filters are 256 kHz carrier frequency) but the terminal mixers could be driven at almost any frequency so long as it makes sense with the strange terminations (series resistors and capacitors on one mixer) as well as the maximum speed of the CD4001 gates. The interesting

thing about the circuit is that the CD4001 is NOT used as a digital gate but wired so that it is a "linear" element. When I first worked out the schematic I thought that I was missing something because the CD4001 supply is taken through a dropping resistor and filtered but there is not voltage regulating component (zener or otherwise). CMOS gates like this draw current as a function of speed and with only that dropping resistor the supply voltage would also fluctuate. The biasing resistors around the gate force the bias point into the neither "ON" nor "OFF" region. I am guessing, then, that this was designed to be driven by sign waves and not digitally.

Anyone with design experience with MC1496 mixers or similar care to comment?

TNX

Brad KG6IOE

Help STOP SPAM with the new MSN 8 and get 2 months FREE*
<http://join.msn.com/?page=features/junkmail>

Date: Fri, 28 Feb 2003 07:50:52 -0700
From: "Rod N0RC" <rod@n0rc.us>
To: <plburbank@earthlink.net>,
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [146817] Re: 10 turn pots
Message-ID: <019d01c2df38\$ca917c50\$6601a8c0@greyrock>
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Pete,

Don't know which part you're looking at, but Mouser sells Bourns for the same price. Mouser also has Vishay/Spectrol(sp) for about \$8.50. I just bought a Spectrol part for an NC20 I'm building, it looks pretty good: construction quality, smoothness...etc.

73, Rod N0RC

----- Original Message -----

From: "Pete Burbank" <plburbank@earthlink.net>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Thursday, February 27, 2003 9:48 PM
Subject: 10 turn pots

> I noticed that Jameco has some good prices on Bourns 10 T pots. \$13.49
for 10k
> wire wound.
> 73
> Pete NV4V Ky
>
>
>

Date: Fri, 28 Feb 2003 09:51:43 -0500 (EST)
From: Philip L Carter <pcarter@gcfn.org>
To: Patrick Schwarz <psschwarz@kellnet.com>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [146818] Re: Need Info On Iomega Power Supply
Message-ID: <Pine.3.07.10302280937.A27651-81000000@acme>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

It's also marked on the bottom of the drive.

NRE/COLE Test Center OH-3
pcarter@gcfn.org or wd8qwr@arrl.net
Philip L. Carter, WD8QWR
wd8qwr@w8cqk.#cmh.oh.usa.na

Date: Fri, 28 Feb 2003 08:54:07 -0600
From: "Mark G Janzer" <mjanzer@hal-pc.org>
To: qrp-1@lehigh.edu
Subject: [146819] Re: FS Soviet keys - still a few left!
Message-ID: <web-37681327@mail.hal-pc.org>
MIME-Version: 1.0
Content-Type: text/plain; charset="ISO-8859-1"; format="flowed"
Content-Transfer-Encoding: 8bit

Thanks to all those QRP-Lers that have generously responded! There are still a few, of both types, of keys available.

Regards,
Mark, K5MGJ

>I've been volunteering some of my time to support the
>Yerevan Amateur Radio
>club, in Armenia. Over the past year, they have shipped
>me (through visiting
>ham intermediaries) a number of Soviet military and
>student keys that I'm
>selling for the benefit of their club. All the proceeds
>(less shipping) go
>to the club, EK8ZZ.
>
>Heavy Duty Morse CW Key. This key was manufactured in
>Cherkassy, Ukraine,
>for the Soviet military up through the 1980s. Designed
>for heavy duty use,
>they are very robust but can be adjusted for a very nice
>feel. Tension,
>contact spacing and bearing tension can all be adjusted.
>There are two
>contacts, for up and down stroke, though you can wire it,
>as with any other
>key for conventional use. The hinged cover and base are a
>heavy plastic, as
>is the knob. The key measures 3-1/2" by 3" at the base of
>the unit. Solder
>lugs are provided for the connections within the base,
>and there are four
>holes (concealed by the cover when it is closed) for
>screwing it down to a
>board or table.
>
>\$27 each, includes shipping. Note that these keys are
>used and have some
>minor scuffing.
>
>http://www.hal-pc.org/~mjanzer/images/021_21.jpg
>
>The other keys are Soviet school keys. They are mostly
>plastic, the main arm
>is a steel channel. The solid plastic Navy style knob
>comes in a marbelized

>white color.
>
>http://www.hal-pc.org/~mjanzer/images/020_20.jpg
>
>\$17 each, includes shipping. Note that some of the
>coloration varies from
>key to key and these keys have been used.
>
>Please respond off the list to mjanzer@hal-pc.org to
>reserve one or both.
>There is a limited supply, so first come first serve.
> I'll accept Paypal
>(at K5MGJ@Excite.com), though this reduces the funds I can
>send on. Check or
>money order is preferred, made out to me, sent to my
>callbook address.
>
>My only interest is helping out these hams and the kids
>they are teaching.
>I have already donated an HF station to the group, which
>has been set up and
>is active as EK6WA in Artik, Armenia.
>
>Thanks for your support!
>
>72
>Mark Janzer, K5MGJ

Date: Thu, 27 Feb 2003 23:25:11 EST
From: JClinton46@aol.com
To: qrp-l@lehigh.edu, jce0@lehigh.edu
Subject: [146820] Fwd: QRP-L moderation
Message-ID: <90.3333a2b6.2b903ea7@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

[Moderators note: Clint forwarded my message to the list as an attachment, which the list server of course discarded (attachments are a no-no) so I am injecting the copy he sent me, reformatted as a single-part, plain text - N3VXI]

Following is a message I sent to the list manager and his reply. While I hope for the quick return to an open list, I certainly understand Jim's concerns and will continue to support him in this thankless task.

Jim, thank you! If there is something I can do to help please let me know.
I'm sure this applies to many others on the list as well.

73,
Clint Poss
KE4FDT

Date: Thu, 27 Feb 2003 22:05:33 -0500
From: Jim Eshleman <jce0@Lehigh.EDU>
To: JClinton46@aol.com
Subject: Re: QRP-L moderation

Hi Clint,

> I really like the on-topic discussions and civility we now see but I also
> liked the immediacy of the unmoderated list.

I agree 100% on both counts.

> I wonder if it is possible for
> us to remain on-topic and civil without moderation?

No, it's not. Not for any length of time anyway. That's been proven
(to me at least) many times over the past years.

> How about it moderator? I appreciate all your good work and definately want
> you if the list gets out-of-line again but can we try it on our own now?

Thanks, I try hard and am not doing it for the money :-) Or fame.
Or any other reason I can think of other than contributing to the hobby
I'm very fond of.

Yes, I have left the list unmoderated in the past and moderated it if
and when needed for a spell. The problem is that usually the "damage"
is done before I see it and return the list to moderated status. It is
also a grey area as to when a "discussion" turns into a flame-war, what
is a too-far-off-topic posting, an offensive posting, when is the best
time to impose moderation? The answers are usually only obvious in
hindsight...

I've been thinking about these issues, every day, since I imposed
"indefinite" moderation. I am committed to returning the list to
unmoderated status, but not without some hard rules which will, for an
extreme example, leave no doubt what will cause someone to be "banned"
from the list.

Here are some random thoughts I have at the moment: I will not (ever

again) turn over list ownership or moderation to anyone else. I wouldn't even *wish* the task were someone else's. I've had many offers, some very, very tempting, but in the end I am responsible as long as I host the list. I do want the list to be "free" and unmoderated, and will work toward that goal. The first order of business is to develop the above-mentioned list of rules, which I hope will be short and as unambiguous as possible. My plate is always very full, so it will take some time to come up with something that *I* can live with, and in the meantime the list will continue to be moderated by me, as best I can and in as timely a fashion as I can manage.

Clint, if you do not mind making this private exchange public, would you please forward this note to QRP-L. In the event you do, I'd just like to make public my thanks to you and many others that have sent me suggestions and concerns, and *very* special thanks to K7QO, WA8MCQ, W6TOY, NA5N, W4RNL, KI6DS, KA0GKC, and whoever I may be forgetting at the moment, for various reasons over the years.

73

Jim N3VXI

> Thanks,
>
> Clint Poss
> KE4FDT

Date: Fri, 28 Feb 2003 08:10:17 -0800
From: "J. Bennett" <jwbennett@sprintmail.com>
To: qrp-l@lehigh.edu
Subject: [146821] QRPizza in the Bay area next week
Message-ID: <3E5F89E9.2103E3BF@sprintmail.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Folks,
George Heron from NJQRP will be in the bay area next week and it is time for a QRPizza bash.

Location will be the Round Table Pizza in Mountain View, CA as usual.

Options for days are Monday, Tuesday or Wednesday (March 3,4 or 5). If you can make it, send an email with the days that are ok and I will schedule.

Thanks and 73
James
KA5DVS/2

Date: Fri, 28 Feb 2003 11:31:23 -0500
From: "sslyon" <sslyon@megalink.net>
To: <JClinton46@aol.com>,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [146822] Re: QRP-L moderation
Message-ID: <007401c2df46\$d597df00\$0ac8e742@megalink.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

You have my sincerest gratitude for returning civility to our List. Moderated or not... the exchanges appearing now are a great model for the way we should be dealing with each other, i.m.h.o.

73
AA1MY

Seabury & Sharon Lyon
99 Sparrowhawk Mtn Rd
Bethel ME, 04217 U.S.A.
207-836-2576

Virus Protection by Norton and ZoneAlarm
----- Original Message -----
From: <JClinton46@aol.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Thursday, February 27, 2003 11:25 PM
Subject: Fwd: QRP-L moderation

> [Moderators note: Clint forwarded my message to the list as an attachment,
> which the list server of course discarded (attachments are a no-no) so
> I am injecting the copy he sent me, reformatted as a single-part, plain
> text - N3VXI]
>
> Following is a message I sent to the list manager and his reply. While I hope
> for the quick return to an open list, I certainly understand Jim's concerns
> and will continue to support him in this thankless task.
>
> Jim, thank you! If there is something I can do to help please let me know.
> I'm sure this applies to many others on the list as well.
>

> 73,
> Clint Poss
> KE4FDT
>
> Date: Thu, 27 Feb 2003 22:05:33 -0500
> From: Jim Eshleman <jce0@Lehigh.EDU>
> To: JClinton46@aol.com
> Subject: Re: QRP-L moderation
>
> Hi Clint,
>
> > I really like the on-topic discussions and civility we now see but I also
> > liked the immediacy of the unmoderated list.
>
> I agree 100% on both counts.
>
> > I wonder if it is possible for
> > us to remain on-topic and civil without moderation?
>
> No, it's not. Not for any length of time anyway. That's been proven
> (to me at least) many times over the past years.
>
> > How about it moderator? I appreciate all your good work and definately want
> > you if the list gets out-of-line again but can we try it on our own now?
>
> Thanks, I try hard and am not doing it for the money :-) Or fame.
> Or any other reason I can think of other than contributing to the hobby
> I'm very fond of.
>
> Yes, I have left the list unmoderated in the past and moderated it if
> and when needed for a spell. The problem is that usually the "damage"
> is done before I see it and return the list to moderated status. It is
> also a grey area as to when a "discussion" turns into a flame-war, what
> is a too-far-off-topic posting, an offensive posting, when is the best
> time to impose moderation? The answers are usually only obvious in
> hindsight...
>
> I've been thinking about these issues, every day, since I imposed
> "indefinate" moderation. I am committed to returning the list to
> unmoderated status, but not without some hard rules which will, for an
> extreme example, leave no doubt what will cause someone to be "banned"
> from the list.
>
> Here are some random thoughts I have at the moment: I will not (ever
> again) turn over list ownership or moderation to anyone else. I
> wouldn't even *wish* the task were someone elses. I've had many offers,
> some very, very tempting, but in the end I am responsible as long as I
> host the list. I do want the list to be "free" and unmoderated, and

> will work toward that goal. The first order of business is to develop
> the above-mentioned list of rules, which I hope will be short and as
> unambiguous as possible. My plate is always very full, so it will take
> some time to come up with something that *I* can live with, and in the
> meantime the list will continue to be moderated by me, as best I can and
> in as timely a fashion as I can manage.

>

> Clint, if you do not mind making this private exchange public, would
> you please forward this note to QRP-L. In the event you do, I'd just
> like to make public my thanks to you and many others that have sent me
> suggestions and concerns, and *very* special thanks to K7QO, WA8MCQ,
> W6TOY, NA5N, W4RNL, KI6DS, KA0GKC, and whoever I may be forgetting at
> the moment, for various reasons over the years.

>

> 73

> Jim N3VXI

>

> > Thanks,

> >

> > Clint Poss

> > KE4FDT

Date: Fri, 28 Feb 2003 10:06:46 -0700
From: "Francis Callahan" <colcal@srv.net>
To: <QRP-L@lehigh.edu>
Subject: [146823] Swap
Message-ID: <000901c2df4b\$c8066a00\$f2ca1341@callahan>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Will swap 35MM camera equipment for a mirical whip antenna CalKF7ET reply
direct please 72

Date: Fri, 28 Feb 2003 10:12:34 -0700
From: "Chris Trask" <chrisrask@earthlink.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Cc: <jce0@lehigh.edu>, <JClinton46@aol.com>
Subject: [146824] Re: QRP-L moderation
Message-ID: <007501c2df4c\$97516e40\$d1c29d40@default>
MIME-Version: 1.0

Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit

>
> Following is a message I sent to the list manager and his reply.
> While I hope for the quick return to an open list, I certainly
> understand Jim's concerns and will continue to support him in
> this thankless task.
>

Myself, I am pleased to see that Jim (the list moderator) has taken a firm stand on keeping this list fully moderated, and I agree with his reasons entirely. We have, in the past, seen numerous episodes of flame wars, name calling, and other immature nonsense that should never have made it beyond the list server.

I have watched other lists, especially the QTH antenna list, go right down the tubes to the point of virtual nonparticipation entirely due to a small number of individuals who take it upon themselves to use the list as their personal soapbox for political dogma, or to intimidate others who disagree with them to any degree. There are two individuals in particular who are associated with antenna topics who have ruined one discussion forum after another, and who create unrestrained mayhem on the rec.radio.amateur.antenna newsgroup. Both of those individuals have been sued in recent years by people that they have openly defamed, and they have been banned from every single moderated antenna forum.

We have had a few individuals on this list who have been ousted for similar behaviour, and we have lost a few valuable participants in the past because of the lack of moderation. The moderator of the QTH boatanchors list recently ejected a number of individuals, and now that list has returned to civility.

Having watched the immature, unprofessional, and sometimes criminal misconduct in the workplaces that I have been in (and most of which have failed), I'm perfectly happy to have at least one place in this world where I don't have to witness it at all. There are plenty of unmoderated forums out there where those who wish to create havoc may do so to their heart's content.

Because of our highly competitive society here in the US, where each single breath is contested with no holds barred, full moderation and, yes, an occasional application of censorship is necessary for the purpose of maintaining an orderly and civil forum. Those concerned with the constitutional guarantee of freedom of speech need to be reminded repeatedly that that freedom, as well as others in the constitution, do not extend to private property.

Chris

```

      ,-----,
      /   What's all this   \
      / extinct stuff, anyhow? /
      \-----,-----'
      |//
oo\
(--) \
      \   .   .   \
      \   '   '   \
      \   "   "   \
      \   ( )   \
      \   '-| )__| :. \
      \   | | | | | \ '
      \   c__; c__; '---'>._

```

High Performance Mixers and
Amplifiers for RF Communications

Chris Trask / N7ZWY
Principal Engineer
Sonoran Radio Research
P.O. Box 25240
Tempe, Arizona 85285-5240

IEEE Member #40274515

Email: chistrask@earthlink.net
<http://www.home.earthlink.net/~chistrask>

Graphics by Loek Frederiks

Date: Fri, 28 Feb 2003 11:23:03 -0700 (MST)
From: "Karl F. Larsen" <k5di@zianet.com>
To: Al Scanandoah <k2zn@rochester.rr.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [146825] Re: FOX - zip, nada, zilch...
Message-ID: <Pine.LNX.4.44.0302281121530.2197-100000@bucket.dog>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi Al, I think I heard you several times but could not get the whole
callsign for some reason. Sorry I missed you!

On Fri, 28 Feb 2003, Al Scanandoah wrote:

```
> I never heard a peep out of Ron; perhaps we're just too close. I
> devoted most of the hunt to calling Karl in vain; he was quite loud here
> most of the time, but I never broke through :-(
>
> Al, K2ZN
>
>
```

--

- Karl Larsen k5di Las Cruces,NM Az ScQRPions -

Date: Fri, 28 Feb 2003 14:23:54 -0500
From: "Nick Foster" <nfoster@bluefinrobotics.com>
To: "Qrp-L" <qrp-l@Lehigh.EDU>
Subject: [146826] matching dipoles and ladder line
Message-ID: <KCEELBIJBDLMCOBMHIKMGEOCAAA.nfoster@bluefinrobotics.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Well, I've gotten myself seriously flummoxed over my antenna setup here, and I was hoping some resident RF guru could help me out. Here's what I've got: any or all of this could be entirely wrong, so feel free to shoot down any misconceptions I have.

I set up an inverted "V" last weekend for 40m and fed it with ladder line (since it's light and cheap). It's not exactly the ideal Hertzian dipole: it's about 40 feet off the ground in the center, and the ends come within six feet of the (also non-ideal) ground. At resonance, assuming I trim the thing properly, EZNEC says I ought to see about 32 ohms of resistive impedance. Okay, you say, that'll do.

The problem is that I used ladder line, and not coax, so I've got a massive built-in impedance mismatch at the feedline-antenna junction: about 10:1, as I match 300-ohm ladder line to 32 ohm antenna. This isn't such a problem, really, since the ladder line is so low-loss that, assuming I use a tuner, almost all the RF is eventually going to get to the antenna, whether it's on the first trip down the line or the fiftieth.

However, this mismatch creates huge standing waves on my line, which means that the feedline length becomes oh-so-critical in determining feedpoint impedance. This all becomes relevant when you take into account the feedline length that I'm using now: right around 80 degrees of phase at 7.040MHz. This puts my feedpoint impedance, according to HAMCALC, at around 1200+j1400 ohms. Ick.

So, I want to build a tuner specifically designed for this setup and this frequency, with the least loss possible. Multi-band operation doesn't really concern me. Am I going to have to alter my feedline length for a lower impedance, or will it matter at all to the tuner? And what tuner architecture do you recommend? Will I need a 4:1 balun? Will the Cubs ever win the Series? What is the meaning of life?

Help!

Nick
N1UBZ

Date: Fri, 28 Feb 2003 14:34:34 -0500
From: John Farler <jfarler@peoplepc.com>
To: qrp-l <qrp-l@Lehigh.EDU>
Subject: [146827] FS - several items
Message-ID: <3E5FB9CA.C96EE7F0@peoplepc.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I have several items excess to my needs.

1. MFJ Deluxe Noise Cancelling Signal Enhancer Model MFJ 1026, with manual. Uses 12 volts from station supply. Goes into antenna line before xmtr to phase out local noise. Sold for \$179, will ship in US for \$75.
2. Kantronics Packet Communicator Model 9612 (does 9600 and 1200 baud VHF packet at the same time) Has ROM and pager upgrade, with manuals. \$100 shipped in US.
3. MFJ Cub 15 Meter QRP transceiver Model 9315 with both assembly and operating manuals. Seems to work OK, have made several contacts. The only change from original is a bnc connector for the antenna, and the hole was already provided. \$55 shipped in US.
4. Yaesu Vinyl case for FT-817 Transceiver. Only slipped onto radio for one day. Did not suit my mode of using the radio. Only change to original is that the hole outline for the CW key Plug is punched out to allow connector to be inserted. \$17 shipped in US.

Cash, Check or money order accepted. Will ship by USPS.
Otherwise you pay extra for UPS. Please confirm by email to jfarler@peoplepc.com.

Thanks,73,

John Farler
K4AVX

Date: Fri, 28 Feb 2003 12:04:53 -0800
From: "Ian Wilson" <ianmwilson@earthlink.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [146828] VX0 pulling
Message-ID: <006c01c2df64\$a8af9c80\$0b02a8c0@WorkGroup>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"
Content-Transfer-Encoding: 7bit

As part of an endless quest for a simple, stable, 6m monitor, I am attempting to generate 50.125MHz using a couple of xtal-controlled oscillators, a multiplier, mixer and bandpass filter. It all works FB except that *both* xtal controlled oscillators are operating above the figure marked on the case. One xtal is 6.25MHz, the other 18.867MHz. The active part of each oscillator is a 74HC inverting gate (1/4 74HC86), 1M feedback from output to input, 2.2k from the output of the gate to a pi network - 15pf to ground, xtal, 15pf to ground and then to the input of the gate.

I can vary the frequency of each oscillator by increasing the C to ground (and can increase the frequency by adding C in series with the xtal). I've also added a 66uH inductor in series with the 6.25MHz without noticeably changing the output frequency.

The output frequency that I have now is about 0.02% above what I need. Shouldn't I be able to pull the VX0s by this amount easily?

Puzzled.

Thanks for any enlightenment,

73 de ian, k3imw/6

Date: Fri, 28 Feb 2003 12:23:15 -0700 (MST)

From: ac7a@earthlink.net
To: nfoster@bluefinrobotics.com,
Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [146829] Re: matching dipoles and ladder line
Message-ID: <6566925.1046463796075.JavaMail.nobody@thecount.psp.pas.earthlink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Nick,

First, relax a little... Okay? Most tuner designs will have enough range to provide an impedance match. The common T-match design will match a very wide range of complex impedances. If not, you should be able to adjust your open-wire feedline length to bring the feedpoint impedance down to a level a tuner can handle. A Smith Chart, paper or electronic, can go a long way in helping you decide on a more suitable length.

The choice of tuners often comes down to economics. Most would agree that the best tuner for a balanced antenna is one incorporating a balanced design - like the one presented by Richard Measers (sp?) in QST, back in the early 90's. The old Johnson Matchbox tuners were also set up for balanced lines. An unbalanced tuner, utilizing a 1:4 "balun" does not provide a truly balanced arrangement in many instances. However, most of us just ignore that fact and go about making QSO's without worrying too much. Really nice, commercially produced, balanced tuners can be expensive; while the T-match tuners are readily available and realitively cheap.

Now for the important stuff:

The Cubs will never win a series unless baseball survives byond the year 3000. And the meaning of life is 42!

Regards, Thomas - AC7A (Tucson)

-

So, I want to build a tuner specifically designed for this setup and this frequency, with the least loss possible. Multi-band operation doesn't really concern me. Am I going to have to alter my feedline length for a lower impedance, or will it matter at all to the tuner? And what tuner architecture do you recommend? Will I need a 4:1 balun? Will the Cubs ever win the Series? What is the meaning of life?

Help!

Nick

N1UBZ

>

Date: Fri, 28 Feb 2003 20:25:50 +0000
From: "Alan Fryer" <N3BJ@hotmail.com>
To: qrp-l@lehigh.edu
Subject: [146830] FS: OHR 40M QRP Spirit Xcvr
Message-ID: <OE51Ljme2E8HqS5C74a0000aead@hotmail.com>

For Sale: OHR QRP Spirit for 40M. Like new condition, works as it should, 5W out, RIT, built in keyer. This is a great xcvr - double balanced mixer, great bulletproof receiver. Covers 150 kHz of the band. This is a single band predecessor to the OHR-400 with the same basic circuits. Same case size as the OHR Classic. Original manual included.

\$110.00 shipped

Alan, N3BJ

Date: Fri, 28 Feb 2003 13:53:08 -0700 (MST)
From: "Karl F. Larsen" <k5di@zianet.com>
To: qrp-l@lehigh.edu
Subject: [146831] FOX: Preliminary Log K5DI
Message-ID: <Pine.LNX.4.44.0302281349410.2197-100000@bucket.dog>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Here is the paper log transfered to something I can put on a message. If you see any errors please let me know.

Time	Call	RST	State	Name	Power
------	------	-----	-------	------	-------

0201	K5DW	559	TX	Don	5W
0203	W5TB	559	TX	Doc	5W
0205	W5YR	559	TX	George	5W
0207	N1FN	599	CO	ET	5W
0210	N2WW	559	CO	Larry	5W
0211	W7KXB	599	AZ	Bill	5W
0212	K0FRP	579	CO	Al	5W
0213	NQ7X	559	AZ	Floyd	5W
0215	W0CH	559	MO	Dave	5W

0217	WA9TZE	579	WI	Jim	5W	
0218	W5JHP	559	TX	Bill	5W	
0219	N5ZE 559		TX	Lew	5W	
0220	K50AH	559	GA	Gary	5W	
0221	KQ5U 559		TX	Terry	5W	
0223	K9UIY	559	IL	VIC	100W	
0224	NA9G 599		WI	Rick	5W	
0226	KK5LD	599	TX	Dan	5W	
0227	W3ESE	559	MD	LLoyd		5W
0229	K0EVZ	559	ND	Doc	4W	
0230	N9NE 579		WI	Todd	5W	
0231	K5ZTY	559	TX	Bill	5W	
0232	K50I 559		OK	Tim	5W	
0235	W5USJ	559	TX	Chuck		5W
0236	N9AW 559		IL	Jerry	5W	
0238	N4BP 559		FL	Bob	5W	
0240	K7VF 559		CA	Jeff	5W	
0241	KK5NA	559	TX	Joe	5W	
0243	NK6A 559		CA	Don	5W	
0245	K5IR 559		TX	Dale	5W	
0246	K5E0A	559	LA	Wayne		5W
0247	AC5JH	559	OK	Tom	5W	
0248	NK9G 559		WI	Nick	5W	
0249	N4ROA	559	VA	Dan	5W	
0251	NA50 559		LA	Vern	5W	
0252	N1TP 599		FL	Tom	5W	
0254	W9XU 559		WI	Lon	5W	
0256	W9UQB/7 559		AZ	Mike	5W	
0258	K5SR 559		TX	Dale	5W	
0259	Aj4AY	559	AL	Jay	5W	
0300	WS4S 599		TN	Conrad	5W	
0302	N0UR 559		MN	Jim	5W	
0304	W2AGN	559	NJ	John	5W	
0305	KB0R 559		MN	Larry	5W	
0306	W0PIY	559	MN	Harry		5W
0307	W7MD 599		AZ	Damon	5W	
0309	W5YA 579		NM	Fred	5W	
0310	N5WL 559		OK	Bart	5W	
0311	NM5M 559		TX	Eric	5W	
0315	NV4V 559		KY	Pete	5W	
0319	AB9CA	559	AL	Dave	5W	
0320	K5FSE	559	GA	Jack	5W	
0321	WD9F 559		IL	Woody	5W	
0322	NK0E 559		CO	Dave	5W	
0323	WA8ZB	559	TX	Dennis		5W
0324	K5TCC	559	TX	Doc	5W	
0325	KD5CMN	559	TX	Mike	5W	
0325	K9DC 559		IN	Dave	5W	

0326	N3BJ	559	VA	Alan	5W	
0327	AC7A	599	AZ	Tom	5W	
0329	AF4LQ		559	KY	Mike	5W
0331	WW7Y	559	UT	Steve		5W
0333	WA8NTA		559	CO	Dick	5W
0334	WA2TDL		559	NY	Rick	5W
0336	K4FB	559	FL	Paul	5W	
0338	KJ0C	579	MO	Jim	5W	
0340	KI0II		559	CO	Ron	5W
0344	AF4PS		579	FL	Mac	5W
0345	KG4LDY		559	VA	Jim	5W
0346	K0PC/5		559	AR	Pat	1W
0347	AG0T	559	ND	Todd	4W	
0348	KB7WW		559	OR	Art	5W
0351	KR0U	579	CO	Tim	5W	
0352	N5YFC		559	LA	Wayne	5W
0353	W0RSP		579	SD	Ade	5W
0354	NG7Z	559	WA	Paul	4W	
0355	K6MMC		559	CA	Mike	5W
0356	W5KDJ		579	TX	Wayne	2W
0358	VE6EX		559	AB	Dan	5W

K5DI
W8RU

--

- Karl Larsen k5di Las Cruces,NM Az ScQRPions -

Date: Fri, 28 Feb 2003 16:05:29 -0500
From: "Maxime Prati" <ve2hac@hotmail.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [146832] Lobstercon 2003 ?
Message-ID: <DAV58dUTaGmvSVMum030001f609@hotmail.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Aloha !

Any infos on this event for this year ?

Looking forward to do some planification for
the summer holidays !!!

72 de VE2HAC

Max

Date: Fri, 28 Feb 2003 15:01:17 -0700 (MST)
From: "Karl F. Larsen" <k5di@zianet.com>
To: Nick Foster <nfoster@bluefinrobotics.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [146833] Re: matching dipoles and ladder line
Message-ID: <Pine.LNX.4.44.0302281457030.2318-100000@bucket.dog>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi Nick, you have a lot of data but most of it doesn't matter. Rather than try to show you how to use your data, let me say that if you can make your inverted V 88 feet long, and feed it with 450 ohm ladderline to any of the MFJ or other good balanced line tuners, you can use this antenna with really good success on 80,40,30,20,17,15,12 and 10 meters.

On Fri, 28 Feb 2003, Nick Foster wrote:

> Well, I've gotten myself seriously flummoxed over my antenna setup here, and
> I was hoping some resident RF guru could help me out. Here's what I've got:
> any or all of this could be entirely wrong, so feel free to shoot down any
> misconceptions I have.
>
> I set up an inverted "V" last weekend for 40m and fed it with ladder line
> (since it's light and cheap). It's not exactly the ideal Hertzian dipole:
> it's about 40 feet off the ground in the center, and the ends come within
> six feet of the (also non-ideal) ground. At resonance, assuming I trim the
> thing properly, EZNEC says I ought to see about 32 ohms of resistive
> impedance. Okay, you say, that'll do.
>
> The problem is that I used ladder line, and not coax, so I've got a massive
> built-in impedance mismatch at the feedline-antenna junction: about 10:1, as
> I match 300-ohm ladder line to 32 ohm antenna. This isn't such a problem,
> really, since the ladder line is so low-loss that, assuming I use a tuner,
> almost all the RF is eventually going to get to the antenna, whether it's on
> the first trip down the line or the fiftieth.
>
> However, this mismatch creates huge standing waves on my line, which means
> that the feedline length becomes oh-so-critical in determining feedpoint
> impedance. This all becomes relevant when you take into account the feedline
> length that I'm using now: right around 80 degrees of phase at 7.040MHz.

> This puts my feedpoint impedance, according to HAMCALC, at around 1200+j1400
> ohms. Ick.
>
> So, I want to build a tuner specifically designed for this setup and this
> frequency, with the least loss possible. Multi-band operation doesn't really
> concern me. Am I going to have to alter my feedline length for a lower
> impedance, or will it matter at all to the tuner? And what tuner
> architecture do you recommend? Will I need a 4:1 balun? Will the Cubs ever
> win the Series? What is the meaning of life?
>
> Help!
>
>
> Nick
> N1UBZ
>
>

--

- Karl Larsen k5di Las Cruces,NM Az ScQRPions -

Date: Fri, 28 Feb 2003 17:14:08 -0500
From: David M Kopacki <kf2ew@juno.com>
To: qrp-l@lehigh.edu
Subject: [146834] NJ2YL+comments
Message-ID: <20030228.171408.-16311501.0.kf2ew@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi,

Thank you for your contacts and comments. I really enjoyed the contest,
FyBO!!!!!!

-NJ2YL
(Ashley)

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Date: Fri, 28 Feb 2003 17:21:12 -0500
From: "Nick Foster" <nfooster@bluefinrobotics.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [146835] RE: matching dipoles and ladder line
Message-ID: <KCEELBIJBDLMCOBMHIKMAEIBCAAA.nfooster@bluefinrobotics.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="US-ASCII"
Content-Transfer-Encoding: 7bit

First of all, thank you all for your responses -- I got a lot of very useful suggestions.

Perhaps I should clarify what I'm looking for. I don't want to buy, I want to build, since I'm a poor college student and an EE major anyhow. I'm constrained to 40 meters by my Norcal 40a, so multi-band isn't really important. Really, all I want to know is if I need to change my feedline length away from the 90 degree mark in order to be able to efficiently tune my antenna. I'm also wondering if a transmatch design can be optimized for efficiency, knowing that it will only be used on 40 meters.

Since I've already strung the antenna, I'm DEFINITELY not going through THAT again. =)

Thanks!
Nick

-----Original Message-----

From: owner-qrp-l@Lehigh.EDU [mailto:owner-qrp-l@Lehigh.EDU] On Behalf Of ac7a@earthlink.net
Sent: Friday, February 28, 2003 2:23 PM
To: Low Power Amateur Radio Discussion
Subject: Re: matching dipoles and ladder line

Nick,

First, relax a little... Okay? Most tuner designs will have enough range to provide an impedance match. The common T-match design will match a very wide range of complex impedances. If not, you should be able to adjust your open-wire feedline length to bring the feedpoint impedance down to a level a tuner can handle. A Smith Chart, paper or electronic, can go a long way in helping you decide on a more suitable length.

The choice of tuners often comes down to economics. Most would agree that the best tuner for a balanced antenna is one incorporating a balanced design - like the one presented by Richard Measers (sp?) in QST, back in the

early 90's. The old Johnson Matchbox tuners were also set up for balanced lines. An unbalanced tuner, utilizing a 1:4 "balun" does not provide a truly balanced arrangement in many instances. However, most of us just ignore that fact and go about making QSO's without worrying too much. Really nice, commercially produced, balanced tuners can be expensive; while the T-match tuners are readily available and realitively cheap.

Now for the important stuff:

The Cubs will never win a series unless baseball survives byond the year 3000. And the meaning of life is 42!

Regards, Thomas - AC7A (Tucson)

-

So, I want to build a tuner specifically designed for this setup and this frequency, with the least loss possible. Multi-band operation doesn't really concern me. Am I going to have to alter my feedline length for a lower impedance, or will it matter at all to the tuner? And what tuner architecture do you recommend? Will I need a 4:1 balun? Will the Cubs ever win the Series? What is the meaning of life?

Help!

Nick
N1UBZ

>

End of QRP-L Digest 2845
